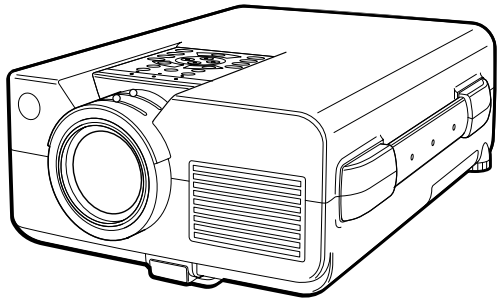
SHARP

SERVICE MANUAL
SERVICE-ANLEITUNG

S80H3PG-C30XE



LCD PROJECTOR
LCD PROJEKTOR

MODEL
MODELL **PG-C30XE**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Im Interesse der Benutzersicherheit (erforderliche Sicherheitsregeln in einigen Ländern) muß das Gerät in seinen Originalzustand gebracht werden. Außerdem dürfen für die spezifizierten Bauteile nur identische Teile verwendet werden.

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SHARP CORPORATION

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

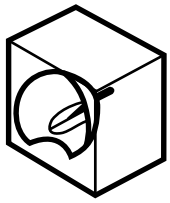
The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.

AVOID DIRECT EYE AND SKIN EXPOSURE.

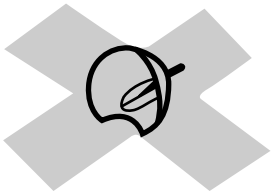
To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned “on” and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0066DE01 or BQC-PGC30XE/1 rated 85V/ 200W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

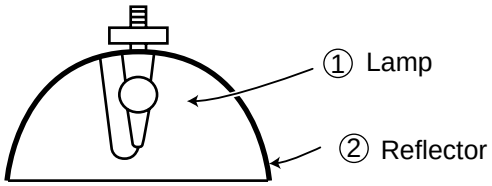
■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.)

Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ② .

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-Radiation are emitted from an opening between the duct cover and the lamp housing, it is recommended to place the LENS CAP on the opening during servicing to avoid eye and skin exposurem (Fig. 1).

Note: Please obtain a lens cap before servicing a model PG-C30XE that is received without one.

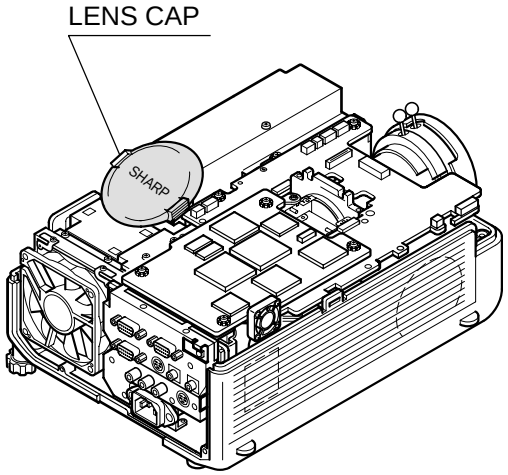


Figure 1.

Specifications

Product type	LCD Projector
Model	PG-C30XE
Video system	PAL/SECAM/NTSC 3.58/NTSC 4.43/DTV 480P/DTV 720P/DTV 1080I
Display method	LCD panel × 3, RGB optical shutter method
LCD panel	Panel size: 22.9 mm (0.9") (13.9 [H] × 18.5 [W] mm) Display method: Translucent TN liquid crystal panel Drive method: TFT (Thin Film Transistor) Active Matrix panel No. of dots: 786,432 dots (1,024 [H] × 768 [V])
Lens	1–1.3 × zoom lens, F1.7–2.0, f = 33–43 mm
Projection lamp	DC 200 W lamp
Contrast ratio	250:1
Video input signal	RCA Connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated RCA Connector: AUDIO, 0.5 Vrms more than 22 kΩ (stereo)
S-video input signal	4-pin Mini DIN connector Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75 Ω terminated
Horizontal resolution	560 TV lines (video input), 750 TV lines (DTV 720P input, Dot by Dot)
Audio output	2 W (monaural)
Computer RGB input signal	15-PIN MINI D-SUB CONNECTOR (INPUT 1, 2): RGB separate/composite sync/sync on green type analog input: 0–0.7 Vp-p, positive, 75 Ω terminated STEREO MINIJACK: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo) HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) or composite sync (Apple only) VERTICAL SYNC. SIGNAL: Same as above
Pixel clock	12–230 MHz
Vertical frequency	43–200 Hz
Horizontal frequency	15–126 kHz
Computer control signal	9-pin Mini DIN female connector (RS-232C Input Port)
Speaker system	8 cm (3 3/32") round
Rated voltage	AC 110–120/220–240 V
Input current	3.0 A/1.5 A
Rated frequency	50/60 Hz
Power consumption	300 W
Operating temperature	+ 5°C to + 40°C
Storage temperature	– 20°C to + 60°C
Cabinet	Plastic
I/R carrier frequency	38 kHz
Laser pointer of remote control	Wave length: 650 nm / Max. output: 1 mW / Class II Laser Product
Dimensions (approx.)	229 × 121 × 310 mm (W × H × D) (main body only) 243.5 × 134 × 358.4 mm (W × H × D) (including adjustment feet and projecting parts)
Weight (approx.)	4.8 kg
Supplied accessories	Remote control, Two AA size batteries, Power cord (1.8m), Computer RGB cable (3 m), Computer audio cable (3 m), PS/2 mouse control cable (1 m), USB mouse control cable (1.5 m), DIN-D-sub RS-232C cable (15 cm), Remote mouse receiver, Extra air filter, Lens cap (attached), CD-ROM, LCD projector operation manual, LCD projector quick references, Sharp Advanced Presentation Software operation manual
Replacement parts	Lamp unit (Lamp/cage module) (BQC-PGC30XE/1), Remote control (RRMCG1584CESA), AA size batteries, Power cord, Computer RGB cable (QCNW-5304CEZZ), Computer audio cable (QCNW-4870CEZZ), PS/2 mouse control cable (QCNW-5113CEZZ), USB mouse control cable (QCNW-5680CEZZ), DIN-D-sub RS-232C cable (QCNW-5288CEZZ), Remote mouse receiver (RUNTK0673CEZZ), Air filter (PFILD0076CEZZ), Lens cap (GCOVH1307CESB), CD-ROM (UDSKA0021CEN1), LCD projector operation manual (TINS-7046CEZZ), LCD projector quick references (TINS-7048CEZZ, TINS-7152CEZZ, TINS-7153CEZZ), Sharp Advanced Presentation Software operation manual (TINS-7069CEZZ)

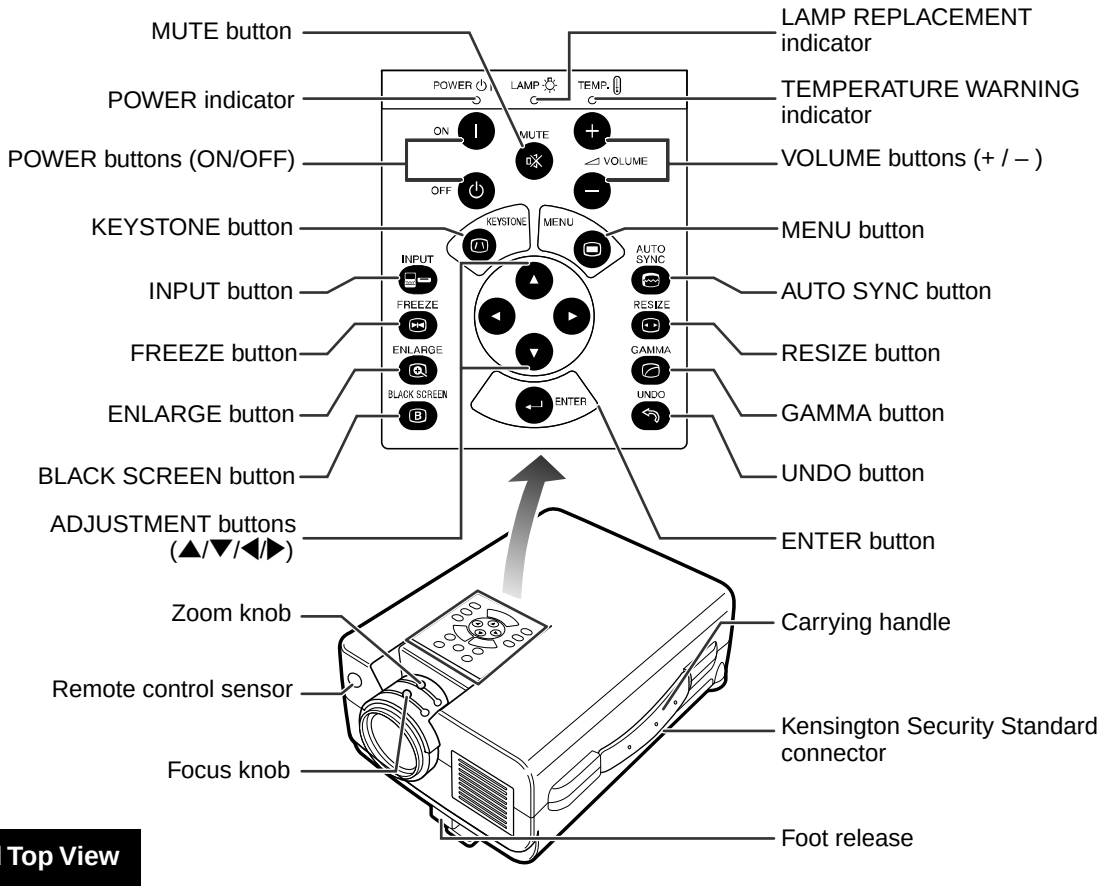
This SHARP projector uses LCD (Liquid Crystal Display) panels. These very sophisticated panels contain 786,432 pixels (× RGB) TFTs (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to.

This unit has some inactive TFTs within acceptable tolerances which may result in illuminated or inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit.

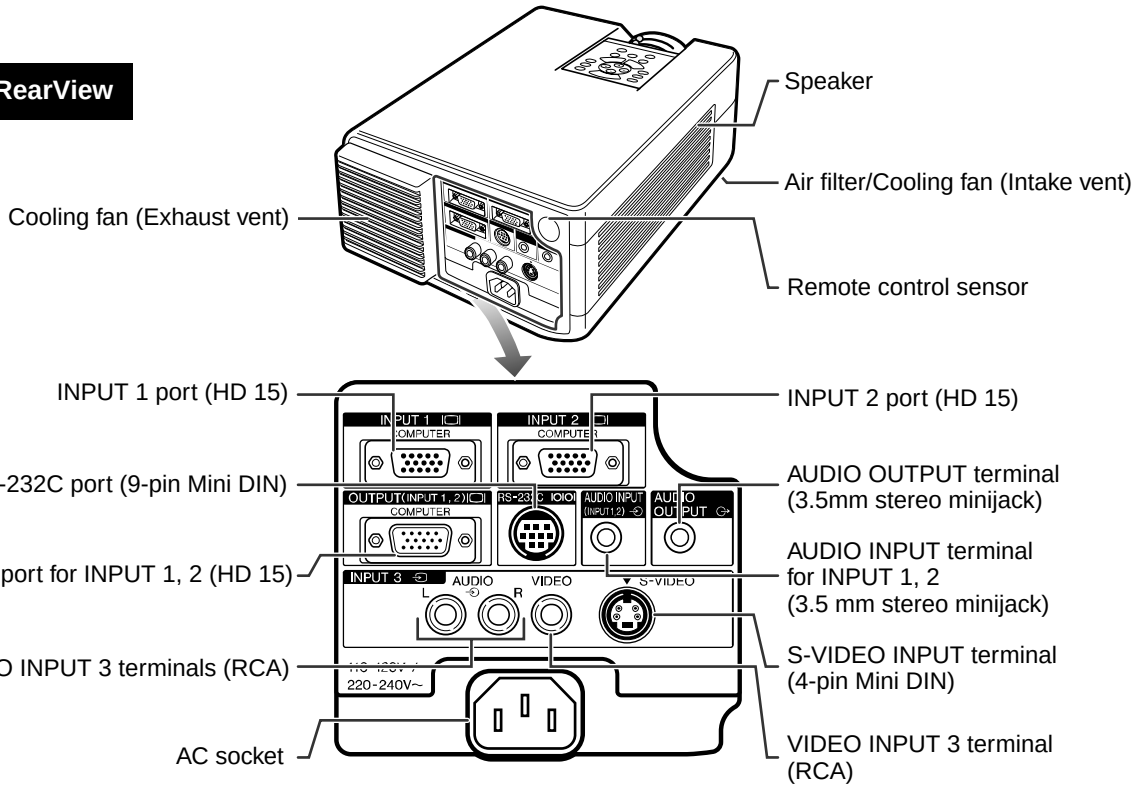
Specifications are subject to change without notice.

Location of Controls

Projector



Front and Top View

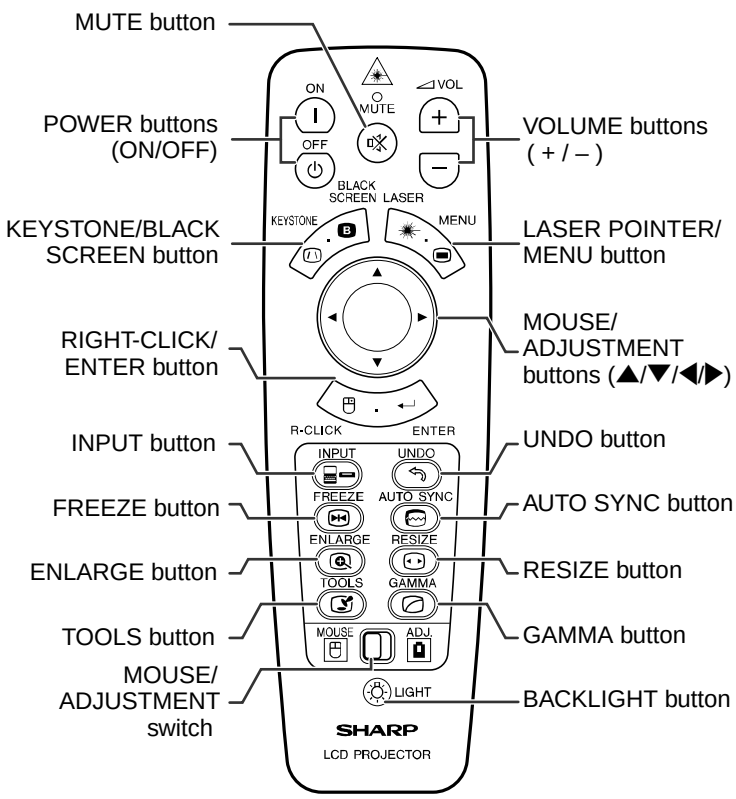


Side and RearView

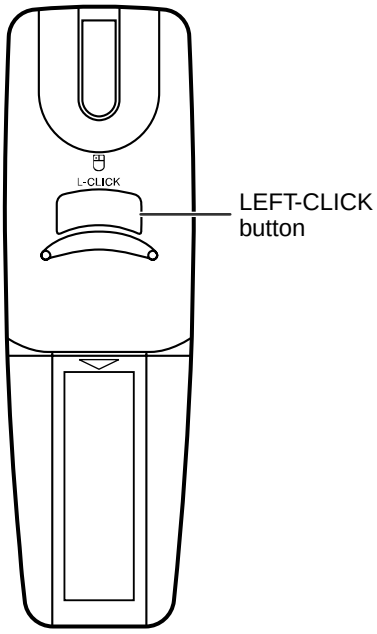
Operating the Wireless Mouse Remote Control

Remote Control

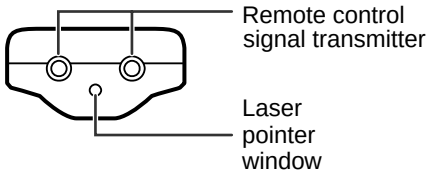
Front View



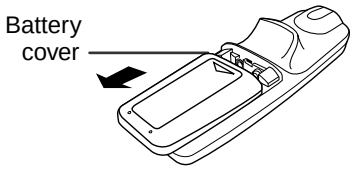
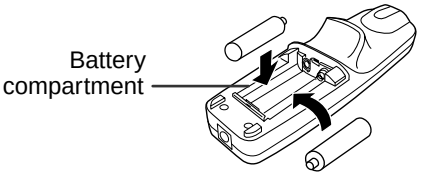
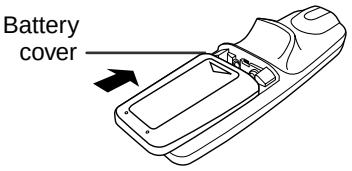
Rear View

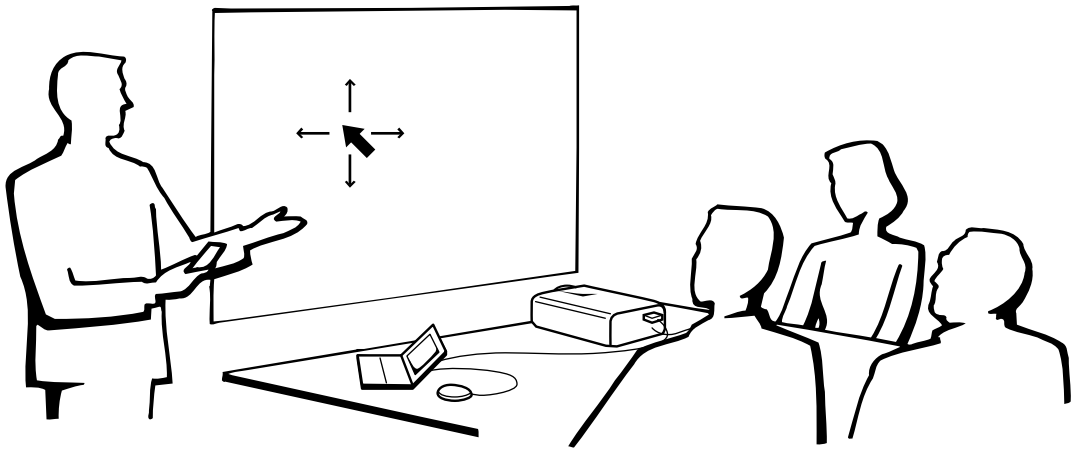


Top View



Inserting the batteries

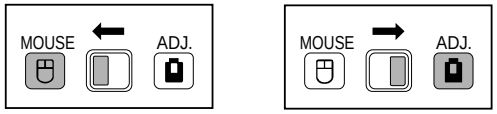
1 **Press in on the arrow mark and slide in the direction of the arrow to remove the battery cover.**	**2** **Insert two AA size batteries, making sure their polarities match the + and – marks inside the battery compartment.**	**3** **Insert the side tabs of the battery cover into their slots and press the cover in until it is properly seated.**
		



Using the Remote Control as a Wireless Mouse

The remote control has the following three functions:
- Projector control
- Wireless mouse
- Laser pointer

MOUSE/ADJUSTMENT switch (Remote control)



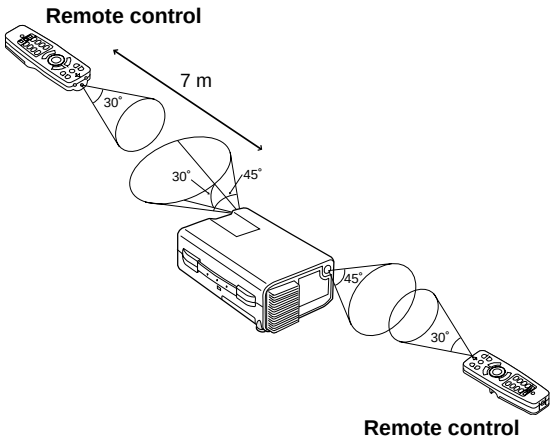
Wireless mouse Laser pointer | **Projector control**

Remote Control/Mouse Receiver Positioning

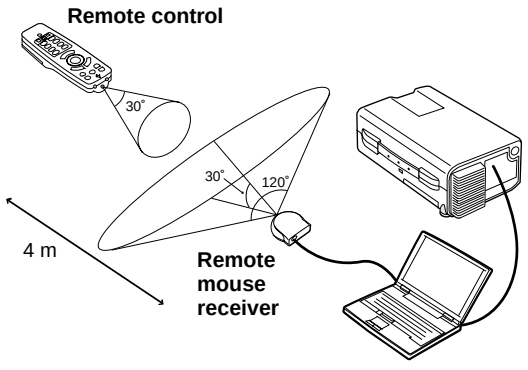
- The remote control can be used to control the projector within the ranges shown below.
- The remote mouse receiver can be used with the remote control to control the mouse functions of a connected computer within the ranges shown below.

NOTE
- The signal from the remote control can be reflected off a screen for easy operation. However, the effective distance of the signal may differ due to the screen material.

Controlling the Projector

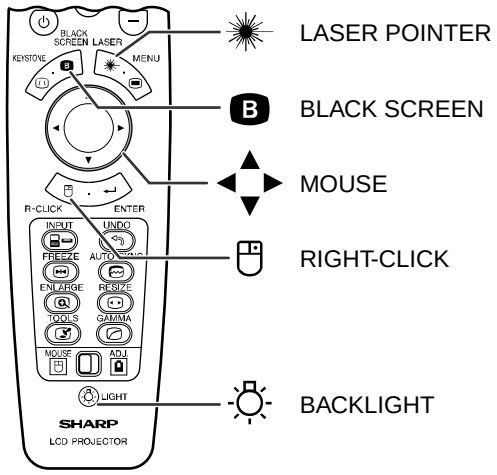


Using the Wireless Mouse

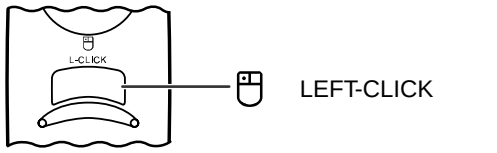


Effective buttons in MOUSE mode

Remote control (Front view)



Remote control (Rear view)



Use as a Wireless Mouse

Be sure the supplied remote mouse receiver is connected to your computer.

(Slide the **MOUSE/ADJUSTMENT** switch on the remote control to the MOUSE position.)

NOTE

- The wireless mouse may not operate correctly if your computer serial port is not correctly set up. Refer to the computer's operation manual for details of setting up/ installing the mouse driver.
- For one-button mouse systems, use either the **LEFT-CLICK** or **RIGHT-CLICK** button.

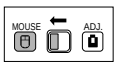
Using the remote control in a dark room

Press **BACKLIGHT**, and the buttons will light up. Green lights refer to mouse operations, and red lights to projector adjustments.

Button name	**Position of MOUSE/ADJUSTMENT switch**	
	MOUSE ⟷ ***ADJ.***	
LASER POINTER/MENU	LASER POINTER (GREEN)	MENU (RED)
BLACK SCREEN/KEYSTONE	BLACK SCREEN (GREEN)	KEYSTONE(RED)
RIGHT-CLICK/ENTER	RIGHT-CLICK (GREEN)	ENTER (RED)
MOUSE/ADJUSTMENT	MOUSE (NOT LIT)	ADJUSTMENT (NOT LIT)
LEFT-CLICK	ON (NOT LIT)	—
POWER ON/OFF	ON (RED)	
VOLUME + / –		
MUTE		
INPUT		
UNDO		
FREEZE		
AUTO SYNC		
ENLARGE		
RESIZE		
TOOLS		
GAMMA		

Use as a Laser Pointer

(Slide the **MOUSE/ADJUSTMENT** switch on the remote control to the MOUSE position.)



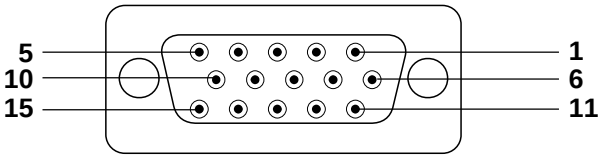
Press **LASER POINTER** (✷) to activate the laser pointer. When the button is released, the light automatically goes off.

NOTE

- For safety, the laser pointer automatically goes off after 1 minute of continuous use. To turn it on, release **LASER POINTER** (✷) and press again.

Connection Pin Assignments

Analog Computer 1 and 2 Signal Input Ports: 15-pin mini D-sub female connector



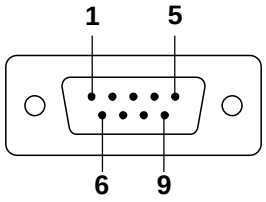
Computer Input
Analog

1. Video input (red)
2. Video input (green/sync on green)
3. Video input (blue)
4. Reserve input 1
5. Composite sync
6. Earth (red)
7. Earth (green/sync on green)
8. Earth (blue)
9. Not connected
10. GND
11. GND
12. Bi-directional data
13. Horizontal sync signal
14. Vertical sync signal
15. Data clock

Component Input

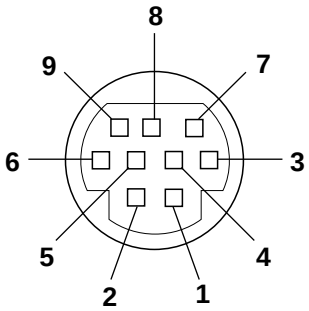
1. P_R (C_R)
2. Y
3. P_B
4. Not connected
5. Not connected
6. Earth (P_R)
7. Earth (Y)
8. Earth (P_B)
9. Not connected
10. Not connected
11. Not connected
12. Not connected
13. Not connected
14. Not connected
15. Not connected

RS-232C Port: 9-pin D-sub male connector of the DIN-D-sub RS-232C cable



Pin No.	Signal	Name	I/O	Reference
1	CD			Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	ER			Not connected
5	SG	Signal Ground		Connected to internal circuit
6	DR	Data Set Ready	Output	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	CI			Not connected

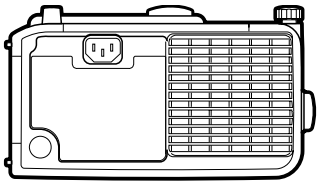
RS-232C Terminal: 9-pin Mini DIN female connector



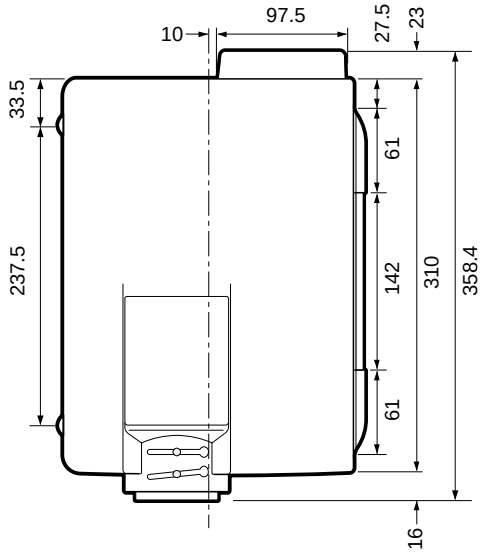
Pin No.	Signal	Name	I/O	Reference
1	VCC	+ 3.3V (Reserved)	Output	Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	EXIR	Detector of Option Unit (Reserved)	Input	Not connected
5	SG	Signal Ground		Connected to internal circuit
6	ERX	IR Receive Signal from IR Amplifier (Reserved)	Input	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	ETX	IR Transmit Signal (Reserved)	Output	Not connected

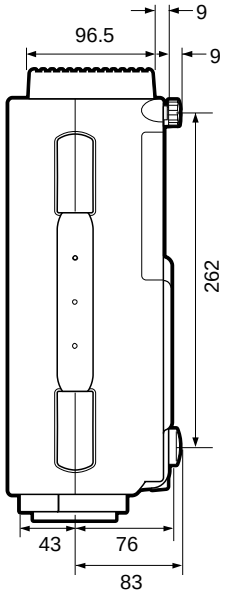
Dimensions

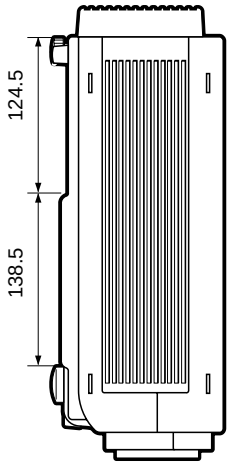
Rear View



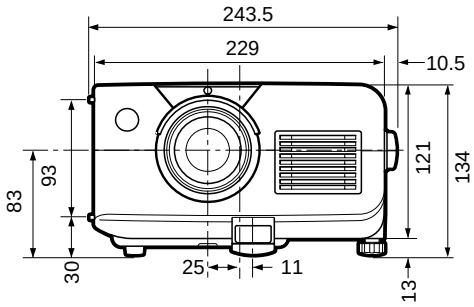
Top View



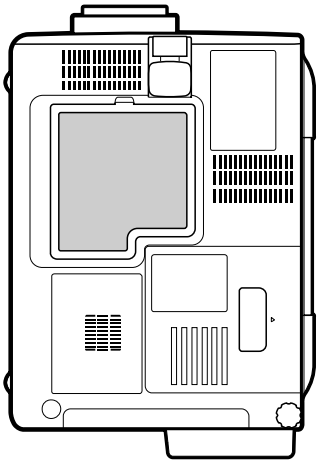




Side View



Front View



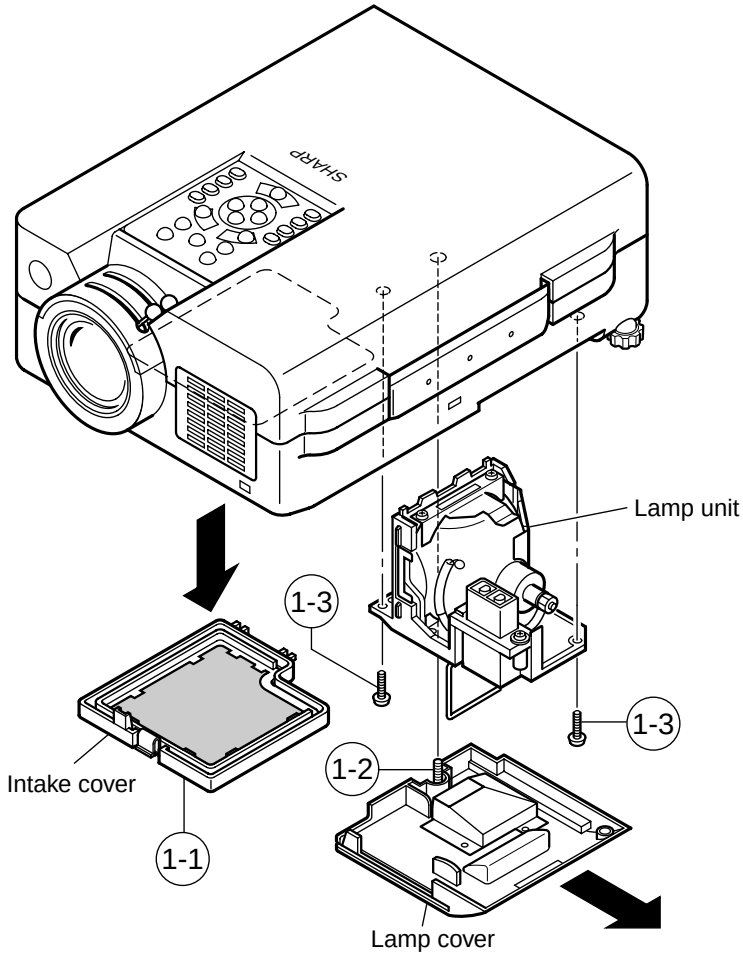
Bottom View

Units: mm

REMOVING OF MAJOR PARTS

1. Removing the Intake cover and lamp unit

1-1. Detach the Intake cover.
1-2. Loosen the lamp cover screw and draw out the lamp cover in the direction of arrow (toward yourself).
1-3. Remove the two lamp unit lock screws. Detach the lamp unit.

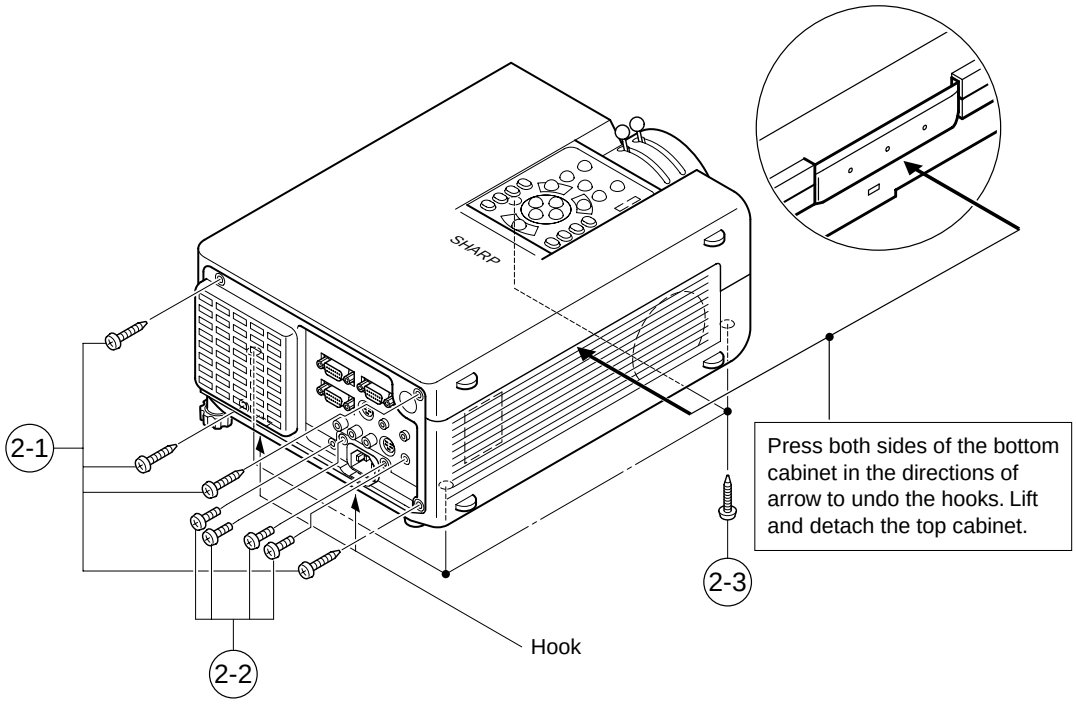


Note:

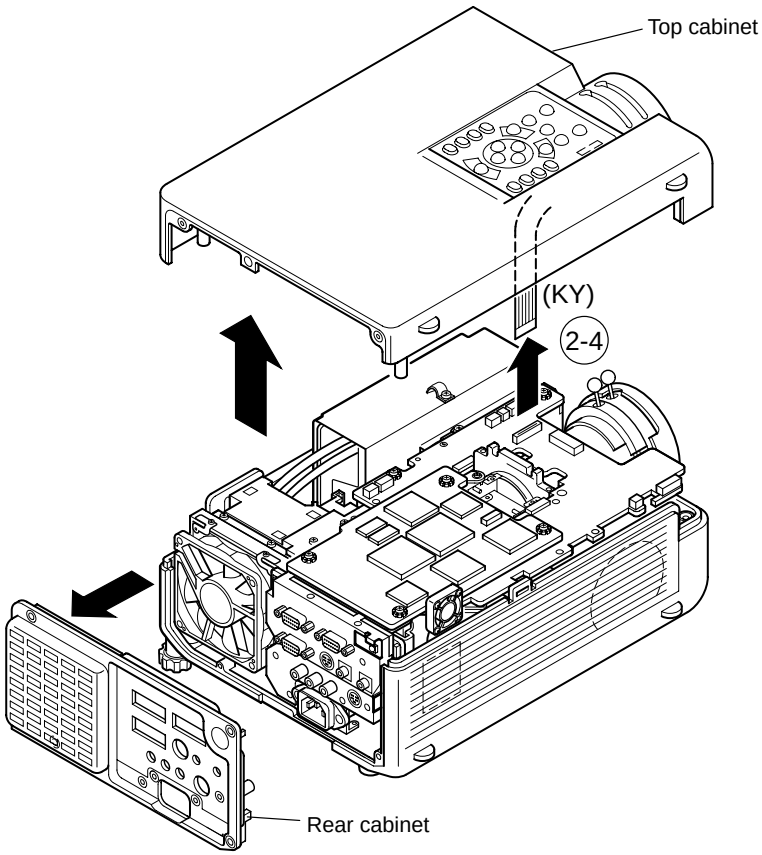
When replacing the lamp, make sure that there is a clearance of over 8mm between the terminal and the lamp snap-on spring (and other metallic parts).

2. Removing the top and rear cabinets

2-1. Remove the four rear cabinet lock screws.
2-2. Remove the four terminal board lock screws off the rear cabinet. Unhook and detach the rear cabinet from below.
2-3. Remove the four top cabinet lock screws from below.

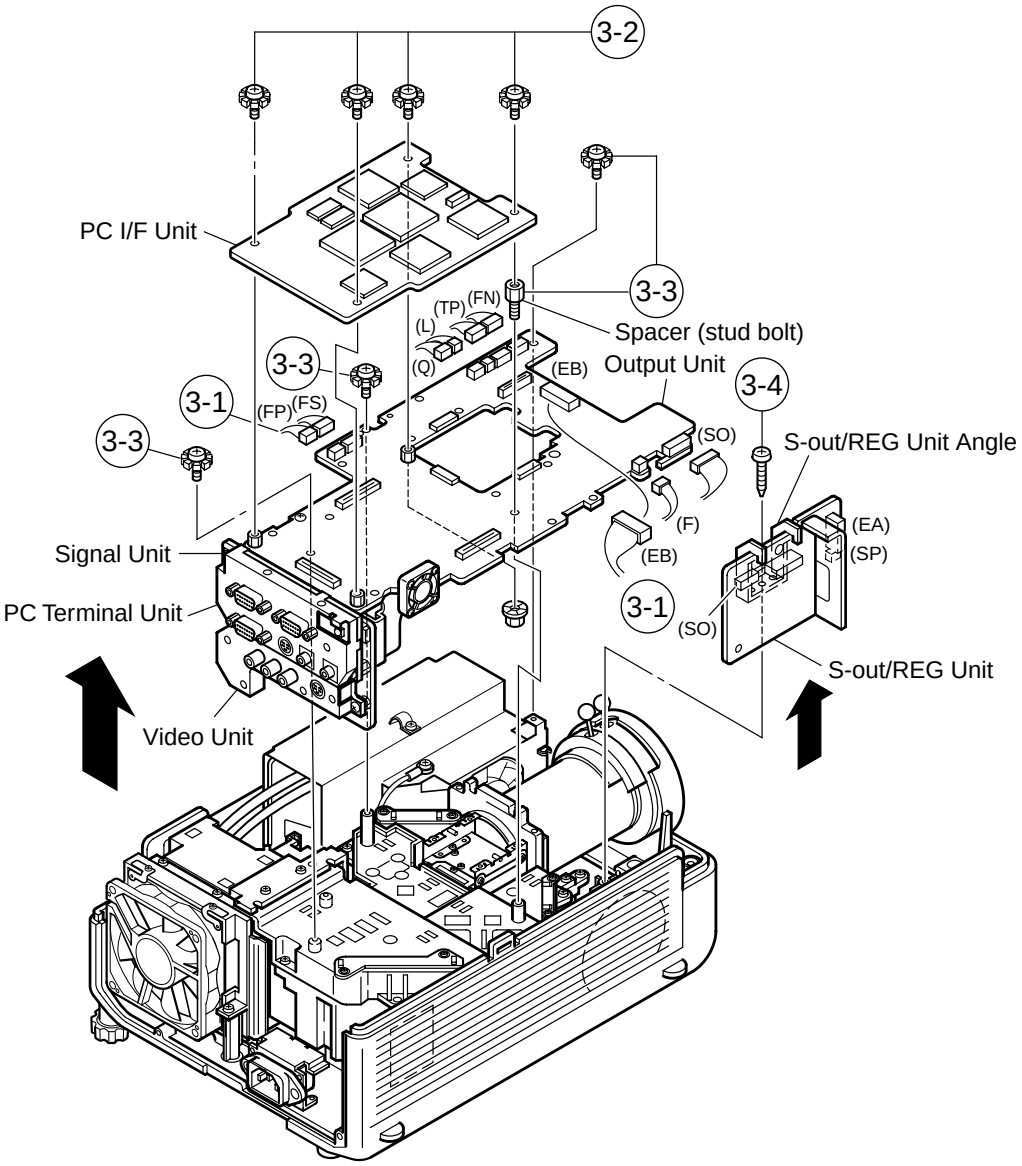


2-4. Slowly lift the top cabinet and disconnect the operation key unit connector (KY). Then take away the top cabinet.



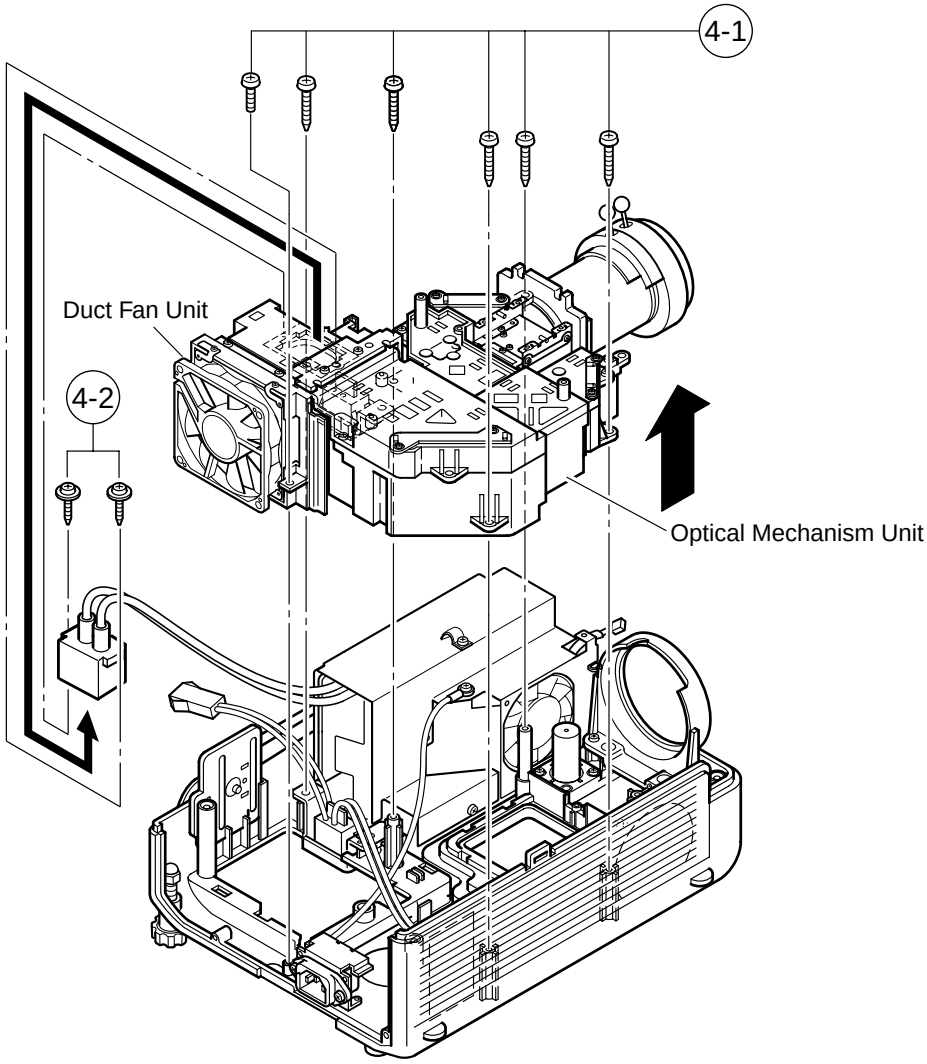
3. Removing the PWB units

3-1. Disconnect the connectors from the output unit.
3-2. Remove the four PC I/F unit lock screws, and take out the PC I/F unit.
3-3. Remove the spacer (stud bolt) and the three screws off the output unit. Lift the output unit, together with the signal unit, off the position.
3-4. Remove the S-out/REG unit angle lock screw and take out the S-out/REG unit.



4. Removing the optical mechanism unit

4-1. Remove the six optical mechanism unit lock screws. Lift the unit off the position.
4-2. Remove the two lamp socket holder lock screws and take out the holder.



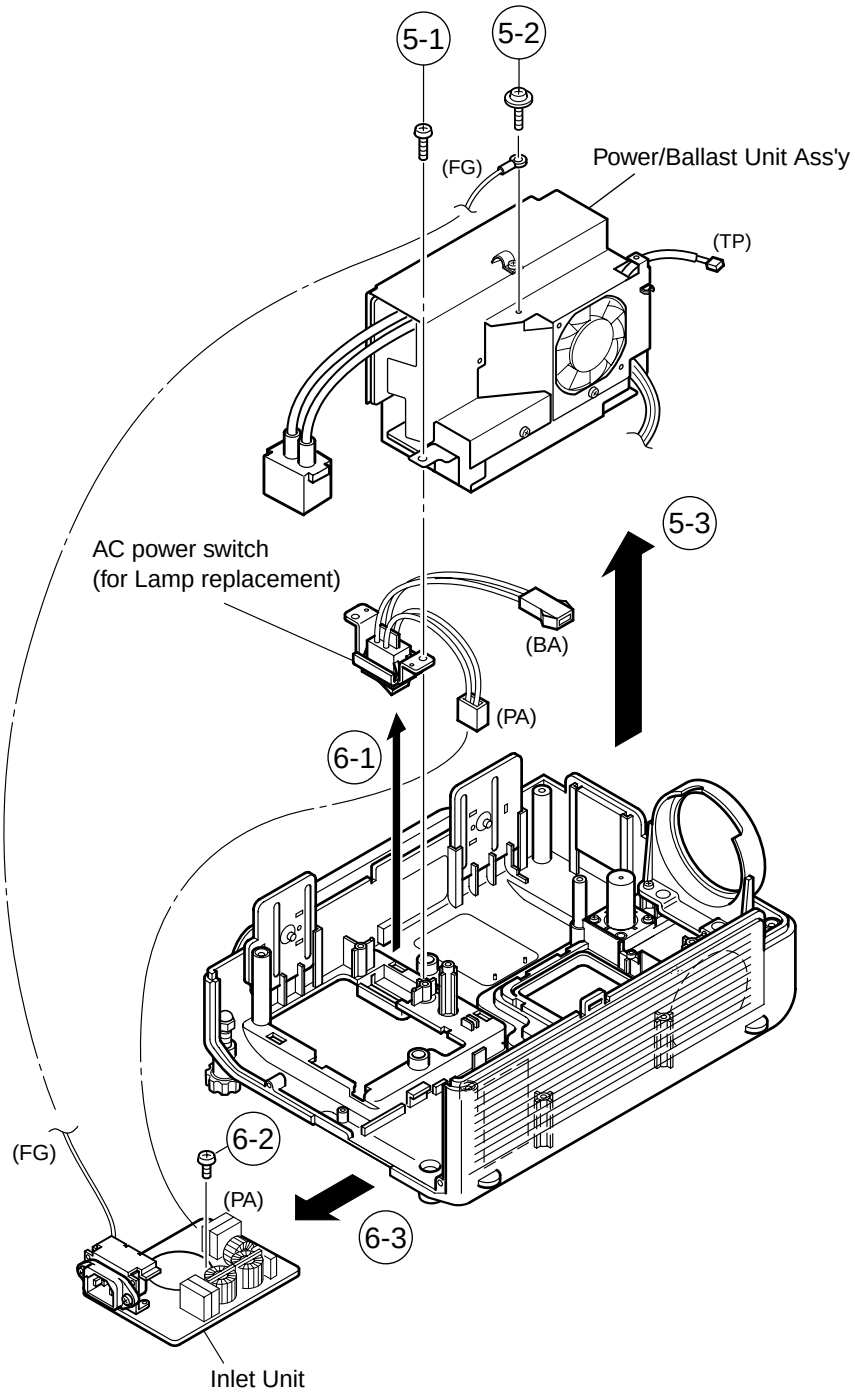
5. Removing the Power/Ballast unit assembly

5-1. Remove the Power/Ballast unit assembly lock screw.
5-2. Remove the (FG) lead lock screw.
5-3. Lift the Power/Ballast unit assembly off the position.

6. Removing the ballast unit and inlet unit

6-1. Disconnect the connector (PA) from the inlet unit. Take out the AC power switch.
6-2. Remove the Inlet unit lock screw.
6-3. Pull the inlet unit toward yourself off the position.

Note: Before installing the lamp cover, make sure the AC power switch is at the "◯" (OFF) position.

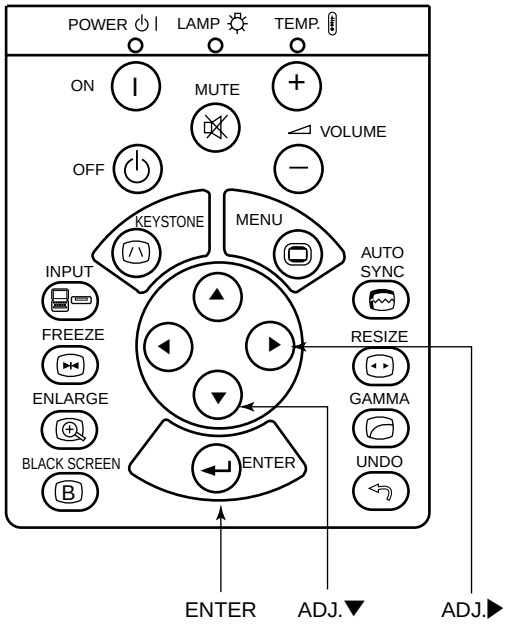


RESETTING THE TOTAL LAMP TIMER

When the lamp has been replaced, reset the total lamp timer in the following steps.

Resetting procedure

1. While holding down the “ENTER”, “ADJ.▼” and “ADJ.▶” keys on the set at the same time, turn on the main power switch (located side the AC inlet).
2. Now the total lamp timer is reset to zero. “000H” appears on the screen.



Lamp

The lamp in this projector operates for approximately 1,500 cumulative hours, depending on the usage environment. It is recommended that the lamp be replaced after 1,400 cumulative hours of use or when you notice a significant deterioration of the picture and colour quality. The lamp usage time can be checked with the On-screen Display.

CAUTION

- Intense light hazard. Do not attempt to look into the aperture and lens while the projector is operating.

NOTE

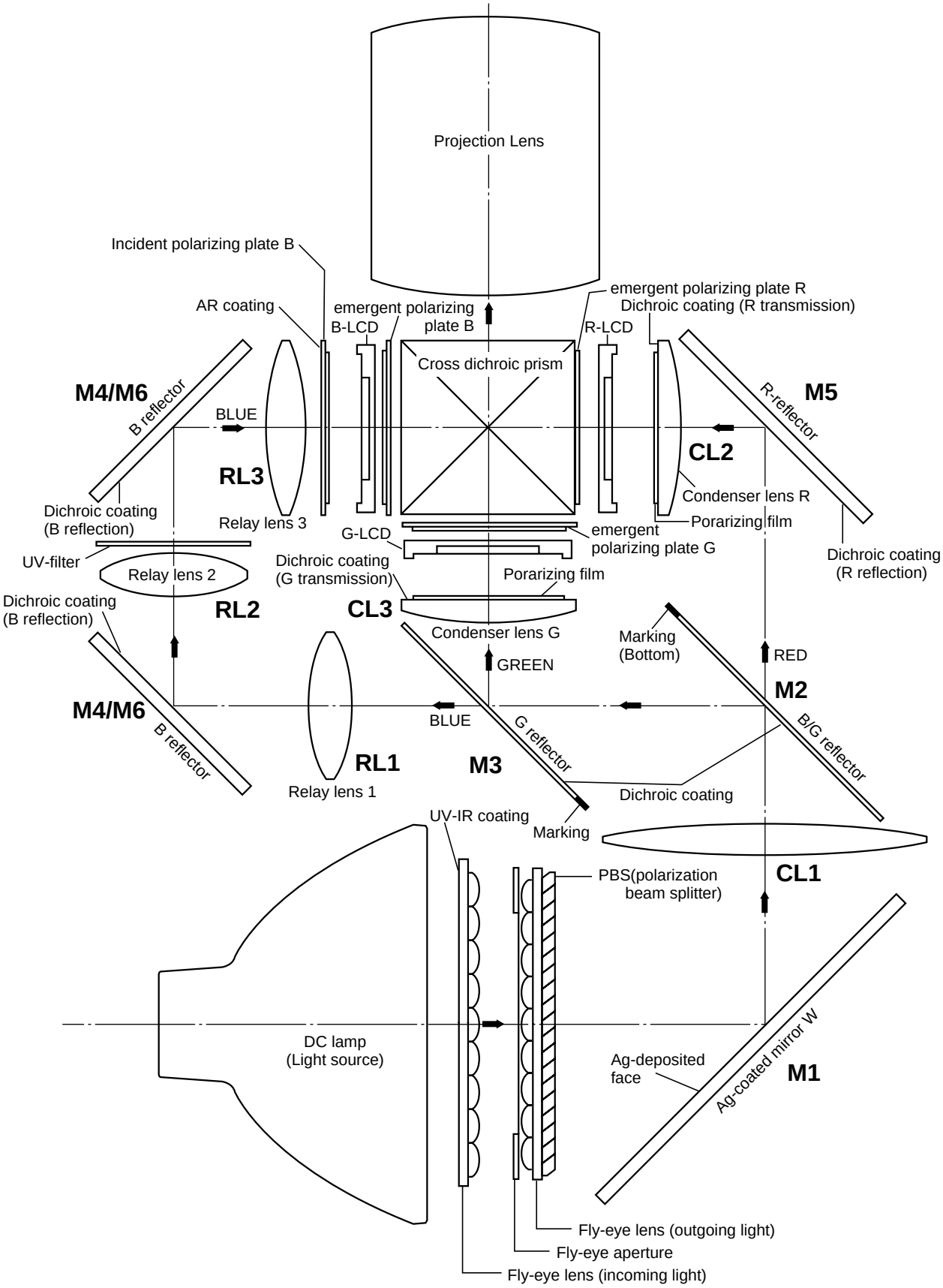
- As the usage environment can vary significantly, the projector lamp may not operate for 1,500 hours.

Condition	Problem	Possible Solution
The LAMP REPLACEMENT indicator lights up red, and “LAMP” and “☼” will flash in yellow in the lower-left corner of the picture.	• Lamp has been used for over 1,400 hours.	• Purchase a replacement lamp unit (lamp/cage module) of the current type BQC-PGC30XE/1 from your nearest Sharp Authorised LCD Projector Dealer or Service Centre. • Replace the lamp. If you wish, you may have the lamp replaced at your nearest Sharp Authorised LCD Projector Dealer or Service Centre.
A significant deterioration of the picture and colour quality occurs.		
The power will automatically turn off and the projector will enter standby mode.	• Lamp has been used for over 1,500 hours.	
“LAMP” and “☼” will flash in red in the lower-left corner of the picture, and the power will turn off.		

THE OPTICAL UNIT OUTLINE

Layout of the optical system

Note: Layout for positioning the optical system.



CONVERGENCE AND FOCUS ADJUSTMENT

- **Start the convergence and focus adjustments with the top panel removed but the power on. Use the remote control to adjust the image.**
  Take the following procedures.

1. Focusing the projection lens

(A) Replacing all the 3 LCD panels

1. Before replacing all the 3 LCD panels, project an image on the screen and bring it into focus.
2. Replace the LCD panels with new ones. But until the focus has been completely readjusted, be careful not to change the projection distance between the set and the screen, nor to move the projection lens focus and zoom rings.

Note:

If the focus is readjusted with a different positional relation, the relation between the projection distance and the screen size is affected. In other words, a short-distance image (40 WIDE for example) may get out of the focus range, or a long-distance image (300 WIDE for example) may come out of the focus.

(B) Replacing 1 or 2 of the 3 LCD panels

1. In adjusting the focus after replacement of one or two LCD panels, project an image on the screen and turn the projection lens focus ring to get the non-replaced LCD panel into focus.
2. But until the focus has been completely adjusted for the new LCD panels, be careful not to change the projection distance between the set and the screen, nor to move the projection lens focus and zoom rings.
3. If the projection distance has been changed or the projection lens readjusted, repeat the above steps 1 and 2.

2. Focus adjustment

(A) Adjusting the G-LCD panel(Make this adjustment on the white-only screen.)

1. Adjustment in θX and Z directions .
   Loosen the lock screw "a" and insert an eccentric screwdriver into the notch and hole "a". Turn the screwdriver until the top, center and bottom on the screen get into focus. In adjusting this top-to-bottom focus, tighten the lock screws "b" and "c" to fix the θY direction adjustment.
   First get the right and left halves in balance. Then improve the accuracy while making the adjustment 2 below.
2. Adjustment in θY direction
   Temporarily tighten the lock screw "a" and loosen the lock screws "b" and "c". Insert the eccentric screwdriver into the notch and hole "c" for adjusting in the θY direction on the top of the screen. Insert the eccentric screwdriver into the notch and hole "b" for adjusting in the θY direction on the bottom of the screen.
3. Repeat the above steps 1 and 2 to finely adjust the focus. Finally tighten up all the lock screws.

Notes :

① Carefully proceed with the focus adjustment because the adjusting directions are correlated.
② In adjusting the convergence and focus, do not move the projection lens zoom and focus rings until the end of all the adjustments.

(B) Adjusting the B-LCD panel (Do the same for the R-LCD panel.)

1. Take the same procedure as for the G-LCD panel focus adjustment. Note that the adjustment range is wider in the Z direction. If the convergence is quite different between the B-LCD and G-LCD panels, roughly adjust the convergence first and then the focus.

3. Convergence adjustment

- Use a crosshatch pattern signal for this adjustment.
  Make the adjustment just for the G-LCD and the relevant colour.

1. Loosen the convergence lock screw "d".
2. Adjustment in Y and θZ directions
   Put a hex wrench in the Y and θZ direction adjustment zone.
3. Adjustment in X direction
   Put an eccentric cam adjusting wrench in the X direction adjustment zone.

4. With the G-LCD panel's screen center as refernce, adjust the R-LCD and B-LCD panels.
5. Finally tighten up the convergence lock screw "d".

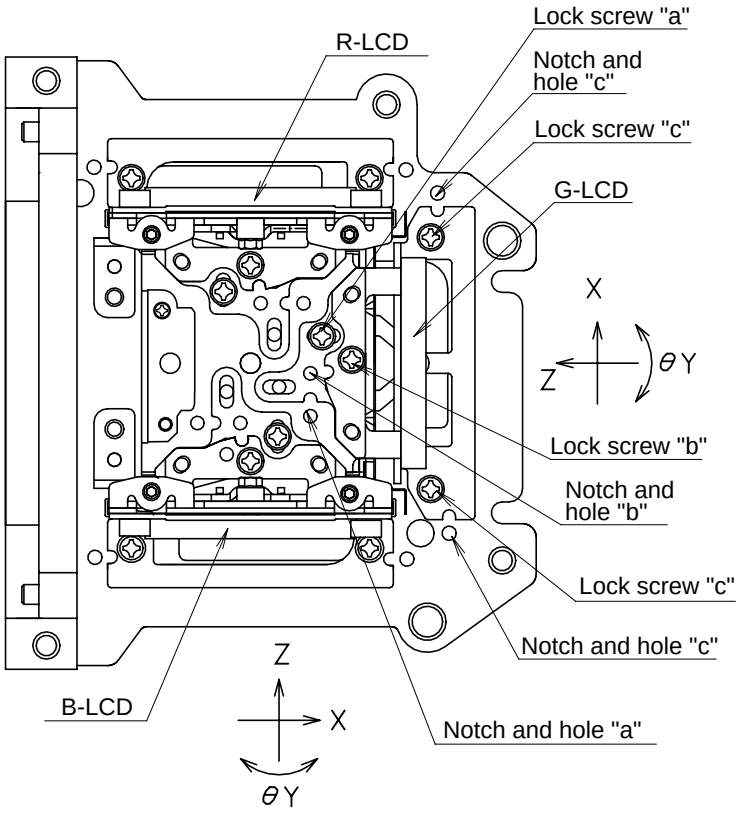
Notes :

① The eccentric cam is used for convergence adjustment.
This means that the cam's turning and the linear movement are not always uniform.

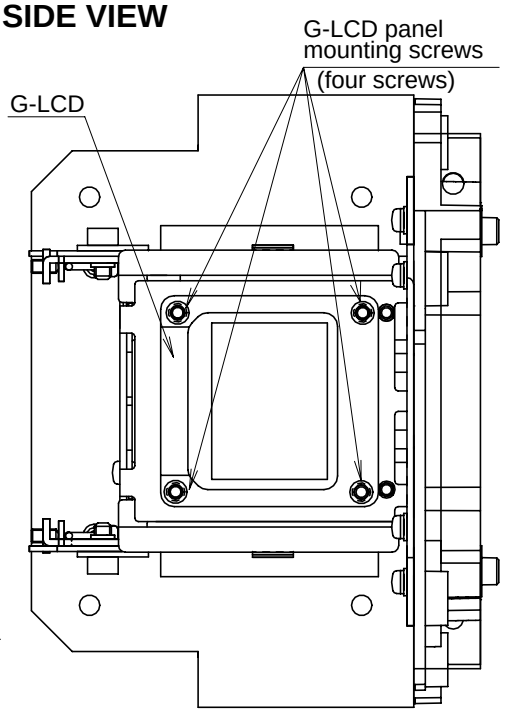
② This model is not equipped with the LCD image adjustment mechanism. This is because the cross-dichroic prism is used for image formation. When the LCD panels all get into best focus, the images are almost completely converged.

Convergence and Focus Adjustments Mechanism

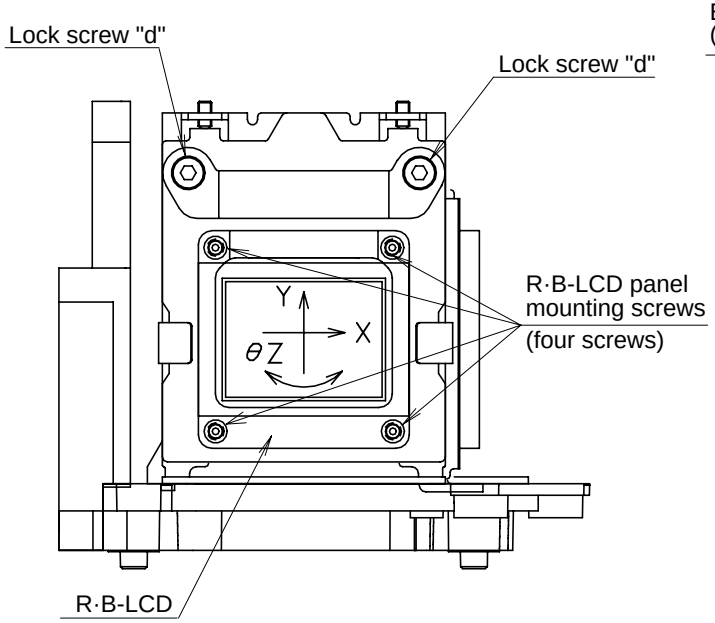
TOP VIEW



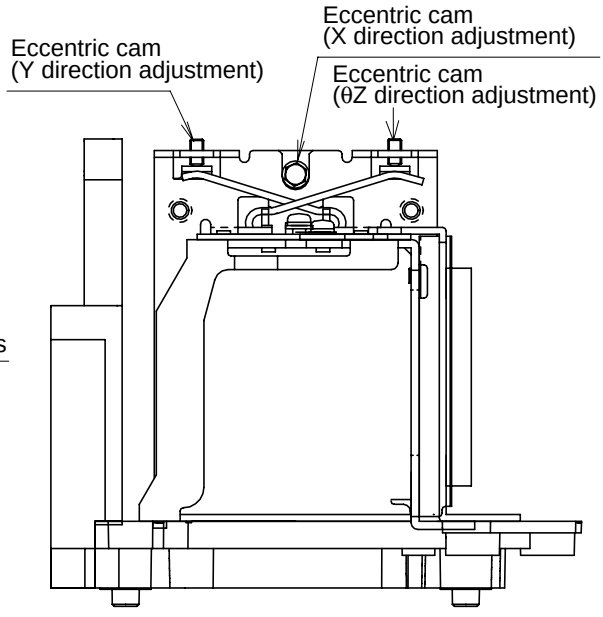
SIDE VIEW



SIDE VIEW (from inside)



SIDE VIEW (from outside)



Convergence and Focus Adjustments at a Glance

Adjustment directions

Adjustment	Direction	Definition	Direction of LCD panel
Convergence	X direction		LCD right and left
	Y direction		LCD top and bottom
	θZ direction	Rotation around Z axis	LCD turning axis
Focus	Z direction		LCD optical axis
	θX direction	Rotation around X axis	LCD top-to-bottom flapping
	θY direction	Rotation around Y axis	LCD right-to-left flapping

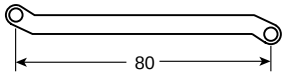
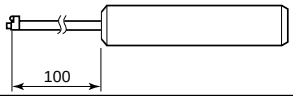
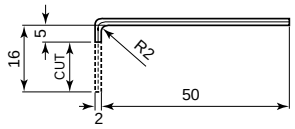
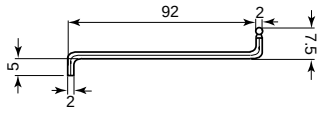
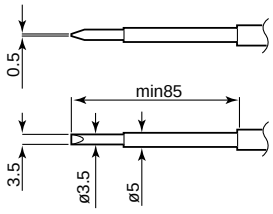
Convergence and Focus Adjustment for the Optical Mechanism

Colour	Adjustment	Direction	Movement	Position	Adjusting tool	Lock screw	Tightening tool
R/B colours	Convergence	X direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		Y direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		θZ direction	±1°	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
	Focus	Z direction	±0.8mm	Notch and hole "a" & "c"	Eccentric screwdriver, Bladed screwdriver	a, c	Phillips screwdriver, *Hex wrench
		θX direction	±1°	Notch and hole "a" & "c"		a, c	
		θY direction	±1°	Notch and hole "b" & "c"		b, c	
G colour	Focus	Z direction	±0.2mm	Same as for R and B colours			
		θX direction	±1°				
		θY direction	±1°				

Focus Adjustments the Other Way

Lock screw	Position	Related direction
a	Notch and hole "a"	Z and θX directions
b	Notch and hole "b"	θY direction
c	Notch and hole "c"	Z, θX and θY directions

Convergence and Focus Adjusting and Tightening Tools

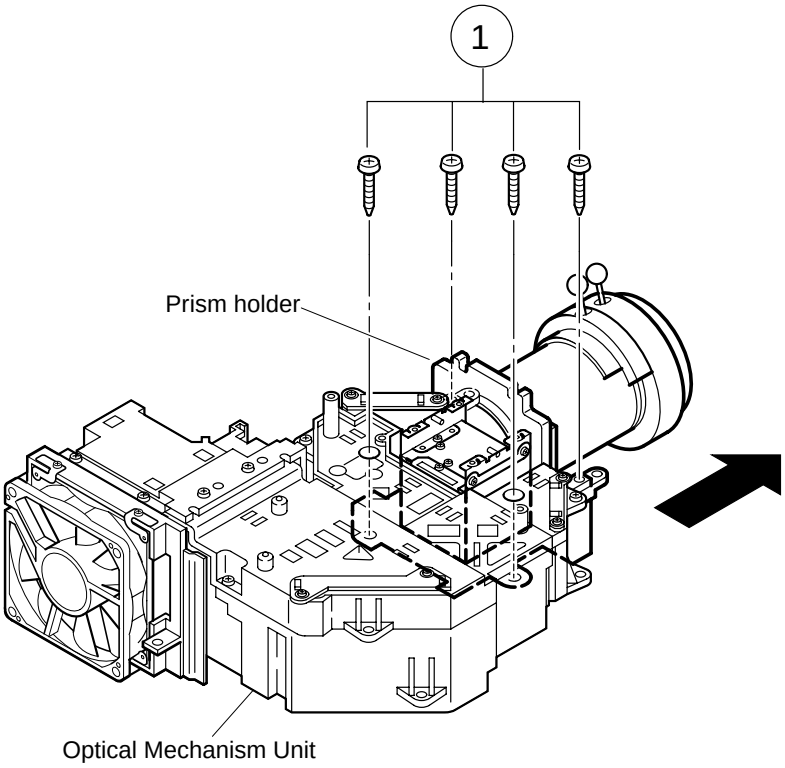
Tool	Specific or General	Tool code	Configuration
Eccentric cam adjusting wrench	Specific	9DASPN-XGNV1U	
Eccentric screwdriver	Specific	9DADRiVER-NV4U	
Hex wrench	General (redesigned)	9EQLNC-XGNV1U	
		9EQLNC-XGNV4U	
Bladed screwdriver	General	9EQDRiVER-NV1B	
Phillips screwdriver	General	—	For M2.6 pan-head machine screw
***Hex wrench**	General	—	1.27mm, preferably use a 70 mm or longer screwdriver (with a handle).

Replacing the LCD panels

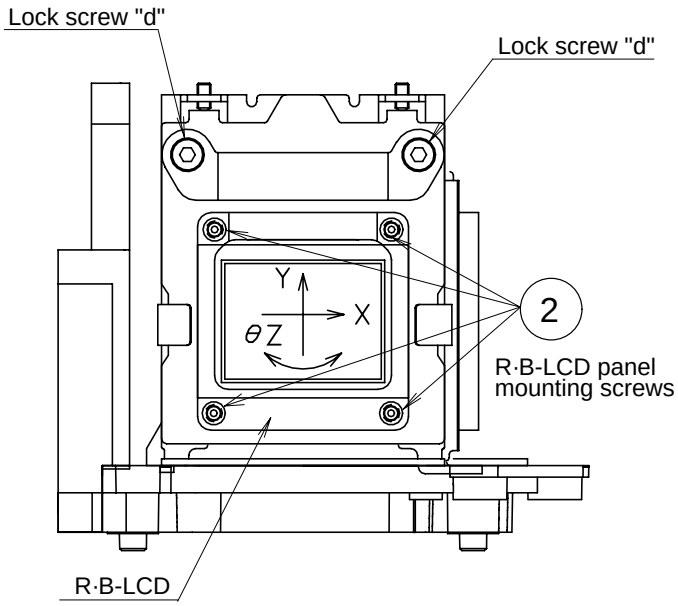
Detach the top panel and the optical mechanism unit in advance.

(1) Remove the four prism holder lock screws. Detach the prism holder from the optical mechanism unit.
(2) Remove the LCD panel lock screws (four each for the R-, G- and B-LCD panels). Detach the LCD panels from the prism holder.
(3) Mount a new LCD panel in the reverse order of the above steps (1) and (2).

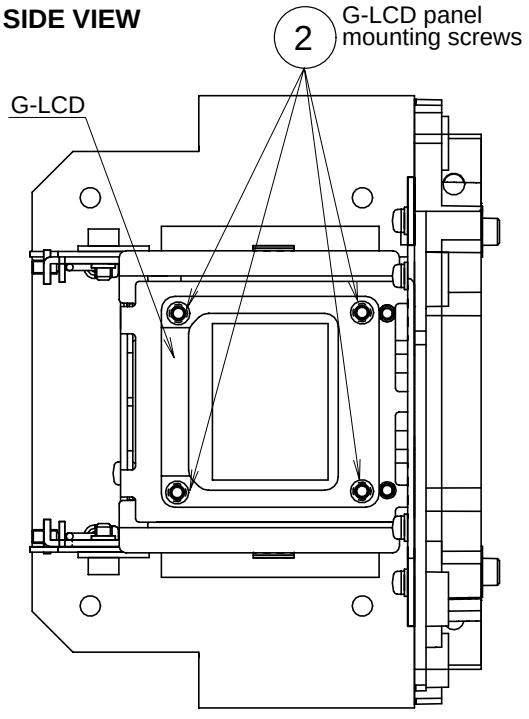
∗ Readjust the convergence and focus. Note that the G-LCD panel needs no convergence adjustment and has a small adjustment range in the Z direction.



SIDE VIEW (from inside)



SIDE VIEW

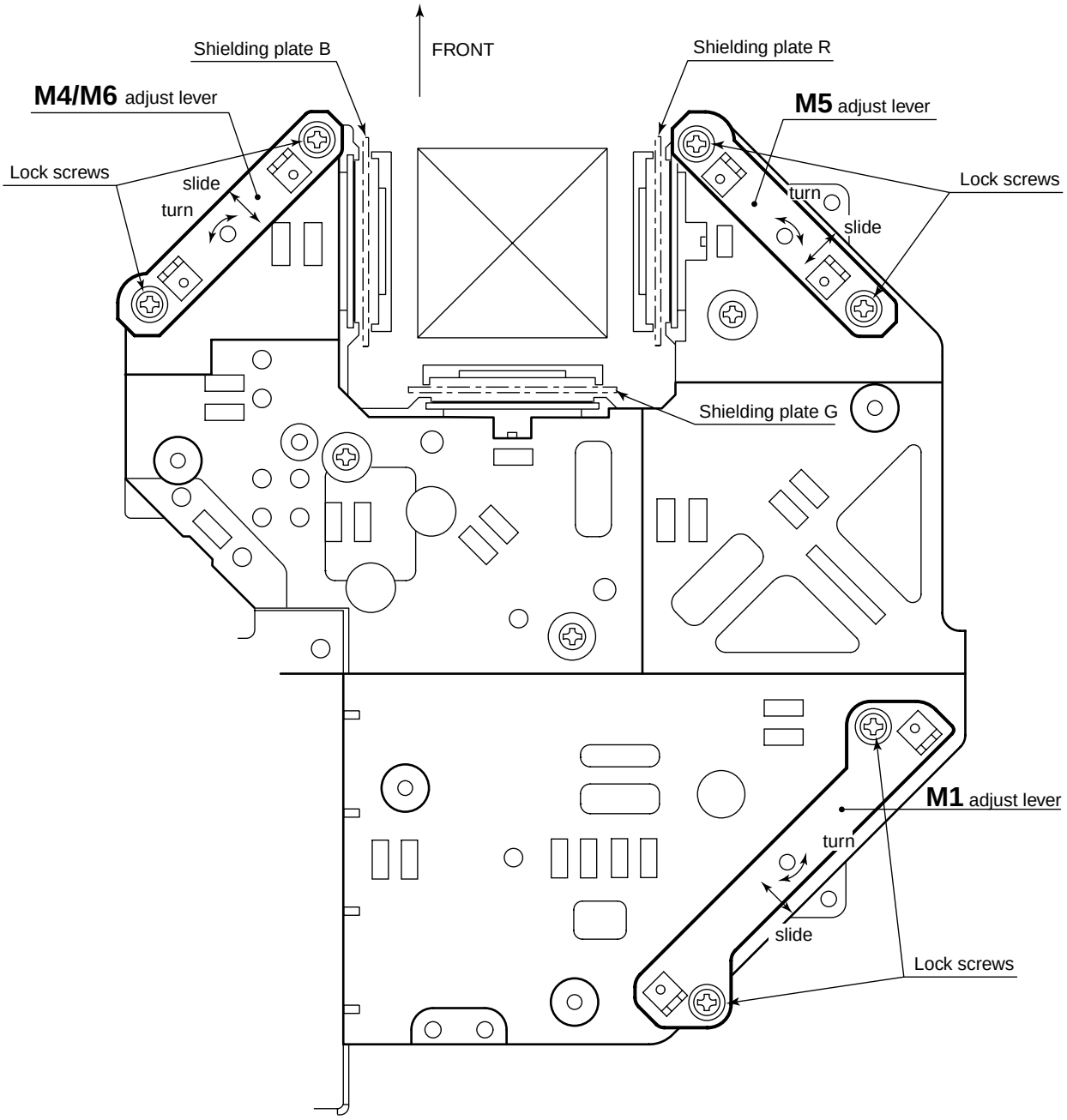


Adjusting the optical axis of the mirrors (M1, M5 and M4/M6)

The optical axis must be readjusted if an eclipse happens with the R. G or B mirrors. Generally speaking, this adjustment is needed when any of the internal optical components has been replaced.

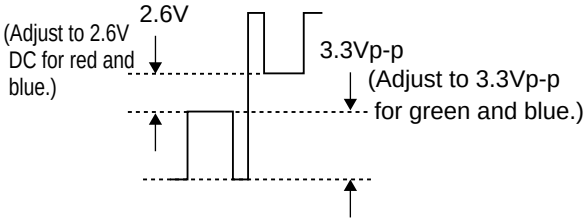
Adjustment procedure required when any of the panels has been replaced or the convergence has been adjusted

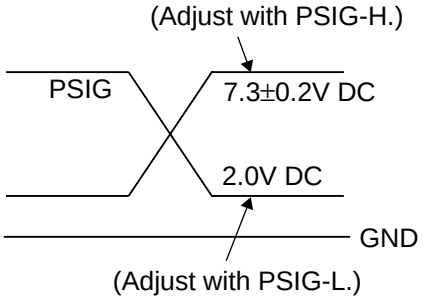
(1) Disconnect the flat cables of all the LCD panels.
(2) Let the lamp light up.
(3) To adjust the G mirror, shield the R and B mirrors with shielding plates (You can use a business card or the like to block the light).
(4) Loosen the lock screw of the M1 adjust lever.
(5) Looking at the G image on the screen, turn or slide the M1 adjust lever until the eclipse on the screen disappears. Tighten up the screw.
(6) To adjust the R mirror, shield the G and B mirrors and adjust the M5 adjust lever. For the B mirror, shield the R and G mirrors and adjust the M6 adjust lever.
(Take the same steps 4 and 5 above.)
(7) Remove all the shielding plates to have a white image.
Make sure there is no eclipse.

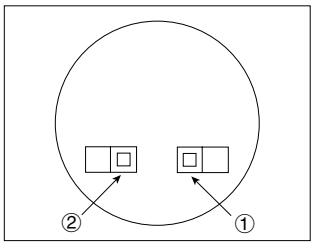
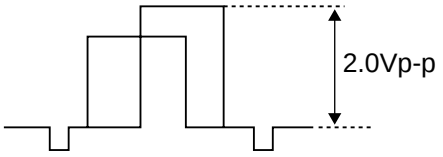


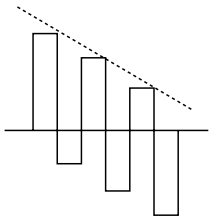
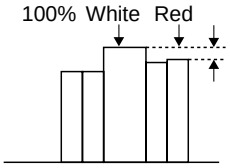
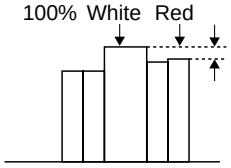
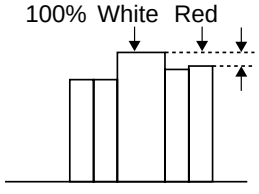
ELECTRICAL ADJUSTMENT

Hook up a signal generator, or a DOSV or Mac personal computer to the projector in order to feed the signals specified in the Adjusting conditions.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**EEPROM initialization**	1. Turn on the power (make sure the lamp lights up) and warm up the unit for 15 minutes.	● Make the following settings: Press SW5101 to call up the process mode and execute S2 in the SSS menu. Now the system, with the PC board not included, is initialized. Do not execute S1 because otherwise the PC board will be initialized. To adjust the PC board, follow the instruction in "Adjusting the PC board". (See page 28)
2	**3.3V power supply adjustment**	1. Turn on the power. 2. Connect the digital voltmeter to TP1446.	● Adjust R1649 so that the voltmeter should read 3.43 ±0.03 Vp-p.
3	**2.5V power supply adjustment**	1. Turn on the power. 2. Connect the digital voltmeter to TP1447.	● Adjust R1652 so that the voltmeter should read 2.60 ±0.05 Vp-p.
4	**R drive**	1. Feed the 100% red-only signal. Make the following choice. Group : A/D Subject : R-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
5	**B drive**	1. Feed the 100% blue-only signal. Make the following choice. Group : A/D Subject : B-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
6	**G drive**	1. Feed the 100% green-only signal. Make the following choice. Group : A/D Subject : G-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
7	**RGB 1 system black level signal amplitude (odd-numbered)**	1. Make the following choice: Group : OUTPUT 1 Subject : G1-BLK G1-GAIN For red, choose the subjects R1-BLK and R1-GAIN. For blue, choose the subjects B1-BLK and B1-GAIN. 2. Connect the oscilloscope to TP1101 for red. TP1201 for green TP1301 for blue	● Choose the subject G1-GAIN and adjust the signal amplitude to 3.3 ±0.1 Vp-p using the control switches or the remote controller buttons. ● Next,choose the subject G1-BLK and adjust the white to white level to 2.6 ±0.1V DC.  ● Adjust the signal's amplitude and white to white level to 3.3 ± 0.1Vp-p and 2.6 ± 0.1V DC, respectively, for red and blue.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
8	**P SIGNAL**	1. Connect the oscilloscope to TP1701 for red. TP1702 for green TP1703 for blue. 2. Make the following choice: Group : OUTPUT 2 Subject : PSIG-H : PSIG-L	● Adjust the PSIG waveform to the one shown below.  ● For the green and blue colours, make sure their waveforms are similar to that of the red colour. ● Make sure the pin stripe of every 12 dot doesn't appear at 10 steps signal of side nays. (Appearing white pin stripe or black one, adjust the PSIG-H.)
9	**Panel ghost adjustment**	1. Project the XGA60Hz ghost test pattern (black characters in bold on the halftone RGB background). Group: OUTPUT3 2. GCK-PHASE adjustment Make sure the setting is fixed at 8 (initial value). 3. EN-WIDTH adjustment Make sure the setting is fixed at 8 (initial value). 4. ENR-PHASE adjustment (R-LCD ghost adjustment) 5. ENG-PHASE adjustment (G-LCD ghost adjustment) 6. ENB-PHASE adjustment (B-LCD ghost adjustment)	● ENR-PHASE adjustment (R-LCD ghost adjustment) ① Increase the setting until a ghost image (see Note) becomes visible at the left of the back characters on the R half-tone background. ② Lower the setting point by point until the left-hand ghost image (① above) disappears. ③ Further lower the setting by one point. ● ENG-PHASE adjustment (G-LCD ghost adjustment) Adjust the G ghost image by following the same procedures described under step 1 above. ● ENB-PHASE adjustment (B-LCD ghost adjustment) Adjust the B ghost image by following the same procedures described under step 1 above. **Note:** Left-hand ghost image: Characters are shown double 12 dots left from the real characters. **Reference:** This adjustment is made because the EPSON LCD panel may have 1- or 2-point differences due to lot-by-lot variations.
10	**Sample-and-hold pulse phase** **RCK-PHASE** **GCK-PHASE** **BCK-PHASE**	1. Feed the XGA mode 75-Hz black signal. 2. Make the following choice: Group : OUTPUT 3 Subject : SH-PHASE (Have the standard level at 2.) Fix the RCK-, GCK- and BCK-PHASE settings all to 8.	● Using the control switches or the remote controller buttons, make sure that the “OUTPUT 3” characters are not blurry and there is no ghost image. If such blur or ghost occurs, finely adjust the setting in the range of 7~9.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
11	**RGB counter-voltage adjustment**	1. Feed the black-and-red (25%) stripe signal (XGA). 2. Make the following choice: Group : OUTPUT 3 Subject : RC (R) and Group : OUTPUT 3 Subject : RC-INV (R)	● Using the control switches or the remote controller buttons, adjust the data in order to minimize the flicker. ● Make the same adjustment for BC (B), GC (G), RC-INV (B) and RC-INV (G). ● See if the image is equally adjusted at the center and both sides of the screen. If not, readjust the setting to have the image equal at right and left.
12	**RGB gradation regeneration adjustment**	1. Feed the green-only SMPTE pattern signal (XGA). Group : OUTPUT 1 Subject : G1-BLK	● Adjust the G-BLK data until the gradation of the portion ① (95% and 100% white) shown below can be slightly recognized. Make sure also that the gradation of the portion ② (0% and 5% black) is visible. 
13	**RGB white balance**	1. Feed the 32-step gray scale signal (XGA). Group : OUTPUT 1 Subject : R1-BLK (R) B1-BLK (B)	● Choose the subjects R1-BLK and B1-BLK and adjust the black balance of the gradation.
14	**Horizontal center**	1. Feed the NTSC monoscope pattern signal. 2. Group : VIDEO 2 Subject : N358-DLY (4) N443-DLY (0) PAL-DLY (3) SECAM-DLY (0) Make sure the settings are as above. 3. Group : VIDEO 1 Subject : NTSC-H	● Using the control switches or the remote controller buttons, adjust the data to have the same overscan.
15	**Video picture adjustment**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : PICTURE 2. Connect the oscilloscope between pin (2) of P801 and GND.	● Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 2.0 ±0.02 Vp-p. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
16	**Video brightness adjustment**	1. Feed the baseband (split colour bar) signal. (The ON-AIR signal is not accepted because of its too much noise.) Group : VIDEO 2 Subject : VROS/VGOS/VBOS 2. Press the control switch or the remote control's mute button (to set the gamma correction to the process setting).	● Using the control switches or the remote controller buttons, adjust the setting until the black signal becomes bit-less.
17	**Video AGC**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : AGC	● Using the control switches or the remote controller buttons, adjust the setting until the white signal becomes bit-less.
18	**Tint**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : TINT 2. Connect the oscilloscope to pin (4) of P801.	● Using the control switches or the remote controller buttons, adjust the data to have the -(B-Y) wave-form downhill straight.  ● After adjusting, adjust the value of TINT up 3 point.
19	**NTSC colour saturation level**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : N-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.00 ±0.05 Vp-p. (same as 100% white) 
20	**PAL colour saturation level**	1. Feed the PAL colour bar signal. Group : VIDEO 1 Subject : P-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.2 ±0.05 Vp-p. 
21	**SECAM colour saturation level**	1. Feed the SECAM colour bar signal. Group : VIDEO 1 Subject : S-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the data to have a level difference of 0.2 ±0.05 Vp-p between the 100% white portion and the red portion. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
22	**Video input panel signal amplitude adjustment**	1. Feed the NTSC 10-step signal. 2. Select the following group and subject. Group: VIDEO2 Subject: R1-GAIN B1-GAIN 3. Connect the oscilloscope to TP1101 (R) and TP1201 (G). 4. For the blue colour, connect the oscilloscope to TP1301 (B) and TP1201 (G).	● Select R1-GAIN and adjust the setting so that the R and G signals have the same amplitude. ● For the blue colour, adjust the setting the same way.
23	**Video white balance**	1. Feed the NTSC monoscope pattern signal Group : VIDEO 2 Subject : R1-BLK B1-BLK	● Using the control switches or the remote controller buttons, adjust so that the entire screen looks evenly colourless.
24	**DTV white balance**	1. Feed the monoscope pattern signal. 2. Group: DTV Subject: CR-OFFSET CB-OFFSET	● Using the control switches or the remote controller buttons, adjust so that the entire screen looks evenly colourless.
25	**Setup**	1. Group: VIDEO1 Subject: SET UP B SET UP C	● Make sure the settings are 11 for SET UP B and 2 for SET UP C.
26	**Automatic colour correction**	1. Using the colour correction system (ccdc), apply automatic colour correction.	● Make sure there is no noticeable colour irregularity left on the screen.
27	**Colour system performance check**	1. Receive the colour bar signal.	● In the process mode and select L1. Check the colour and tint.
28	**Video system performance check**	1. Receive the monoscope pattern signal.	● In the process mode and select L2. Check the picture, brightness and sharpness.
29	**Audio system performance check**		● In the process mode nad select L3. Check the bass, treble.

<table>
<tr><th>No.</th><th>Adjusting point</th><th>Adjusting conditions</th><th>Adjusting procedure</th></tr>
<tr><td>30</td><td>RGB performance check</td><td>1. Receive the RGB signal.</td><td>● In the process mode and select L4. Check the picture, brightness, red, blue, clock, phase, horizontal position, and vertical position.</td></tr>
<tr><td>31</td><td>Off-timer performance check</td><td></td><td>● In the process mode and select OFF. Make sure that the off-timer starts with “5” (minutes), counts down each minute in 1 second, and turns off the set at “0”.</td></tr>
<tr><td>32</td><td>Thermistor performance check</td><td>1. Heat the thermistor using a dryer.</td><td>● Make sure the “TEMP” is displayed.</td></tr>
<tr><td>33</td><td>Automatic synchronization</td><td>1. Receive the PHASE check pattern signal.</td><td>● Call the VGA/SVGA/XGA/SXGA mode and make sure that the clock, phase, horizontal and vertical positions can be automatically adjusted.</td></tr>
<tr><td>34</td><td>Keystone correction performance check</td><td></td><td>● Make sure the keystone correction functions well.</td></tr>
<tr><td>35</td><td>Factory settings</td><td></td><td>● Make the following settings.
<table>
<tr><td>Process adjustment</td><td>Remote controller setting</td></tr>
<tr><td>S3</td><td>“Factory setting 3”</td></tr>
</table>
</td></tr>
</table>

ADJUSTING THE PC BOARD (CPCi-0047CE02. PC I/F Unit)

1. Setting the oscilloscope

Set the range to DC 1 V/div and 5µs/div.

2. Connecting the PC interface

1) Connect the PC interface to the projector. Make surethe CON2 (P8404), CON3 (P8502) and CON4 (P8405)connectors are all tight in position.
2) Connect the cable between the computer's ANALOG OUTPUTterminal and the DSUB (INPUT1 on the projector)connector.
3) Set the projector's input selector to the RGB1position.
4) Set the signal generator to the XGA mode (1024 x 768, 60Hz, 32-tone scale). Keep the output amplitude at 700mVp-p.
5) Turn on the power.

3. Adjusting the levels and checking the tones

1) Press the SW5101 switch to call up the process mode.
2) Enter 8 for the SH-PHASE setting on the OUTPUT3 menu.
   (Adjust to get the on-screen display characters clearand crisp.)

(A/D menu adjustment)

3) R-BRIGHT adjustment: Feed the black signal and adjust the R-BRIGHT setting on the A/D menu screen until the bitless state.
4) G-BRIGHT adjustment: Feed the black signal and adjust the G-BRIGHT setting on the A/D menu screen until the bitless state.
5) B-BRIGHT adjustment: Feed the black signal and adjust the B-BRIGHT setting on the A/D menu screen until the bitless state.
6) R-D adjustment: Feed the white signal and adjust the R-D setting on the A/D menu screen until the bitless state.
7) G-D adjustment: Feed the white signal and adjust the G-D setting on the A/D menu screen until the bitless state.
8) B-D adjustment: Feed the white signal and adjust the B-D setting on the A/D menu screen until the bitless state.

4. DTV adjustment

1) Feed the 480P Y signal to INPUT1. Keep the R (Pr) and B (Pb) without signal input.
2) G-BRIGHT adjustment: Make this setting the same as the G-BRIGHT setting on the A/D menu screen.
3) CR-OFFSET adjustment: Feed the 56% white signal and adjust the CR-OFFSET setting on the DTV menu screen until the bitless state.
4) CB-OFFSET adjustment: Feed the 56% white signal and adjust the CB-OFFSET setting on the DTV menu screen until the bitless state.
5) G-BRIGHT correct adjustment = Adjust the value of G-BRIGHT up 6 point.
6) Press SW5101 and exit from the process mode.

Servicing precautions

If the convergence gets out of spec in servicing the set, call the process mode and select the following group and subjects.

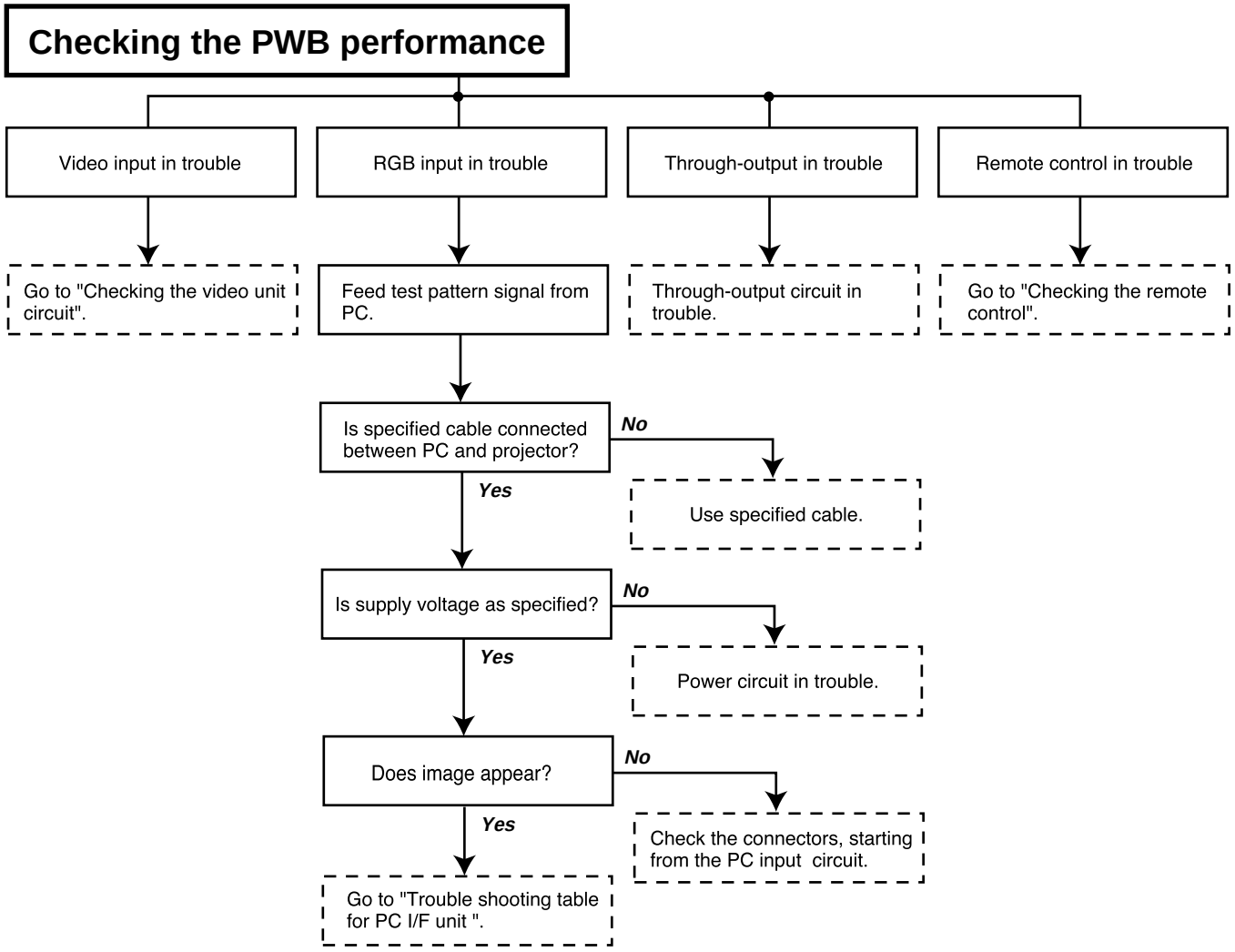
Group: NOKO

Subject: R-CNV-H, R-CNV-V
G-CNV-H, G-CNV-V
B-CNV-H, B-CNV-V

(H and V are for horizontal and vertical adjustments, respectively.)

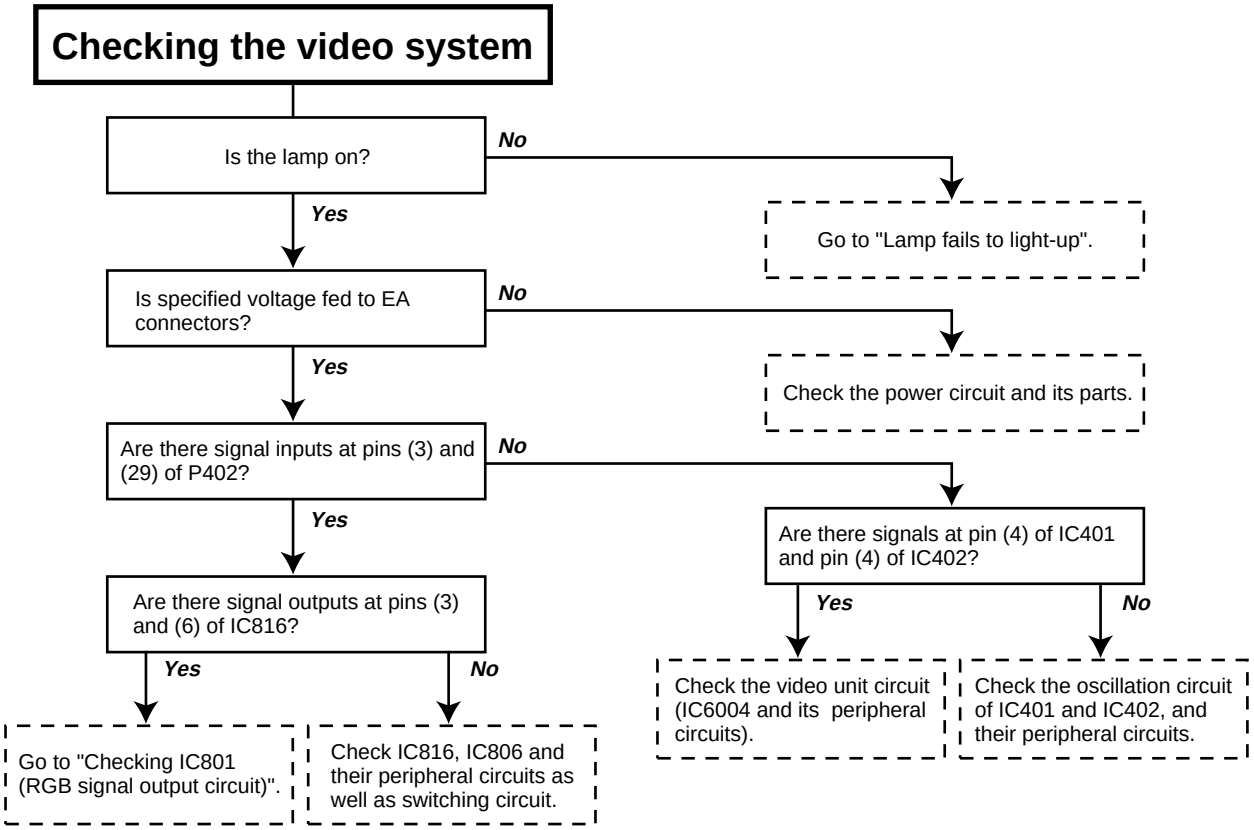
Adjust the above settings to the range of 0 to 4.

TROUBLE SHOOTING TABLE

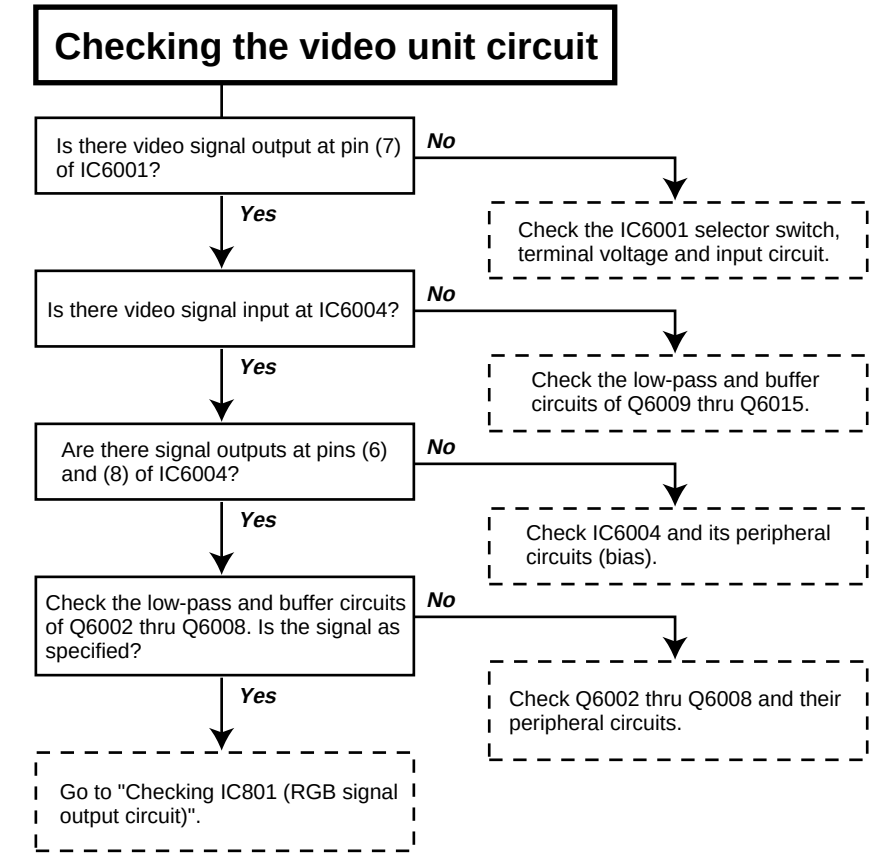


TROUBLE SHOOTING TABLE (Continued)

Checking the video system

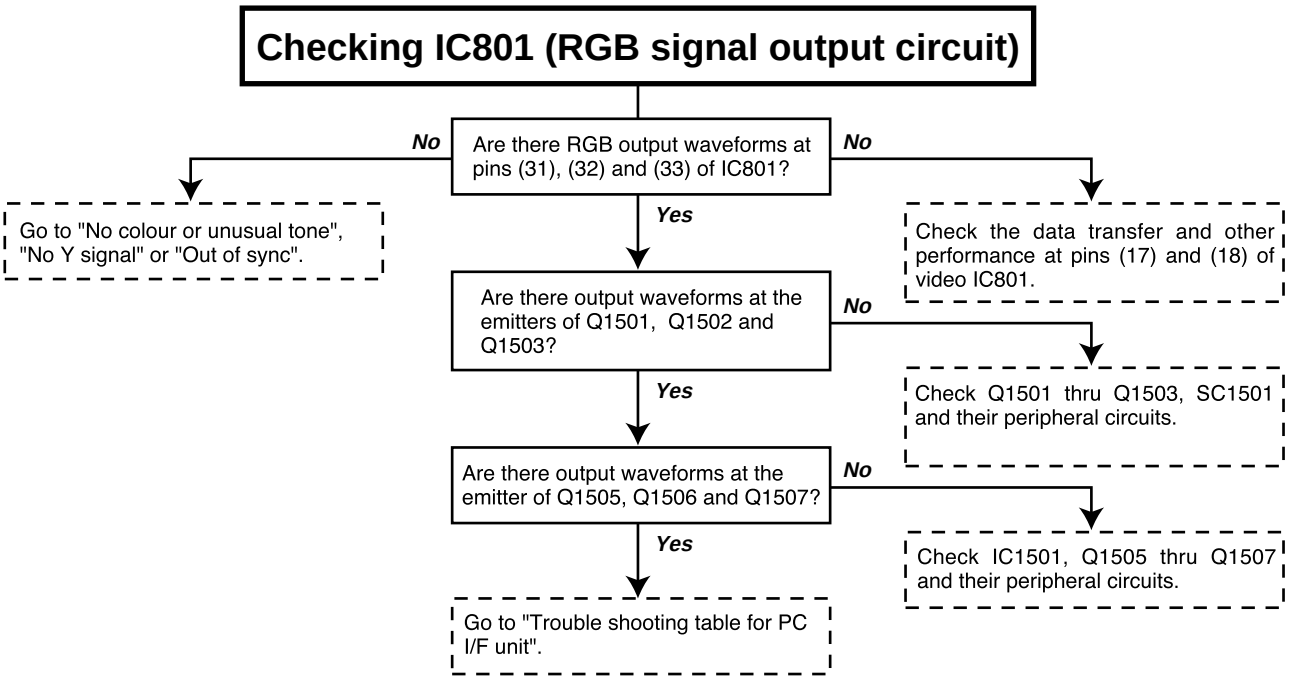


Checking the video unit circuit

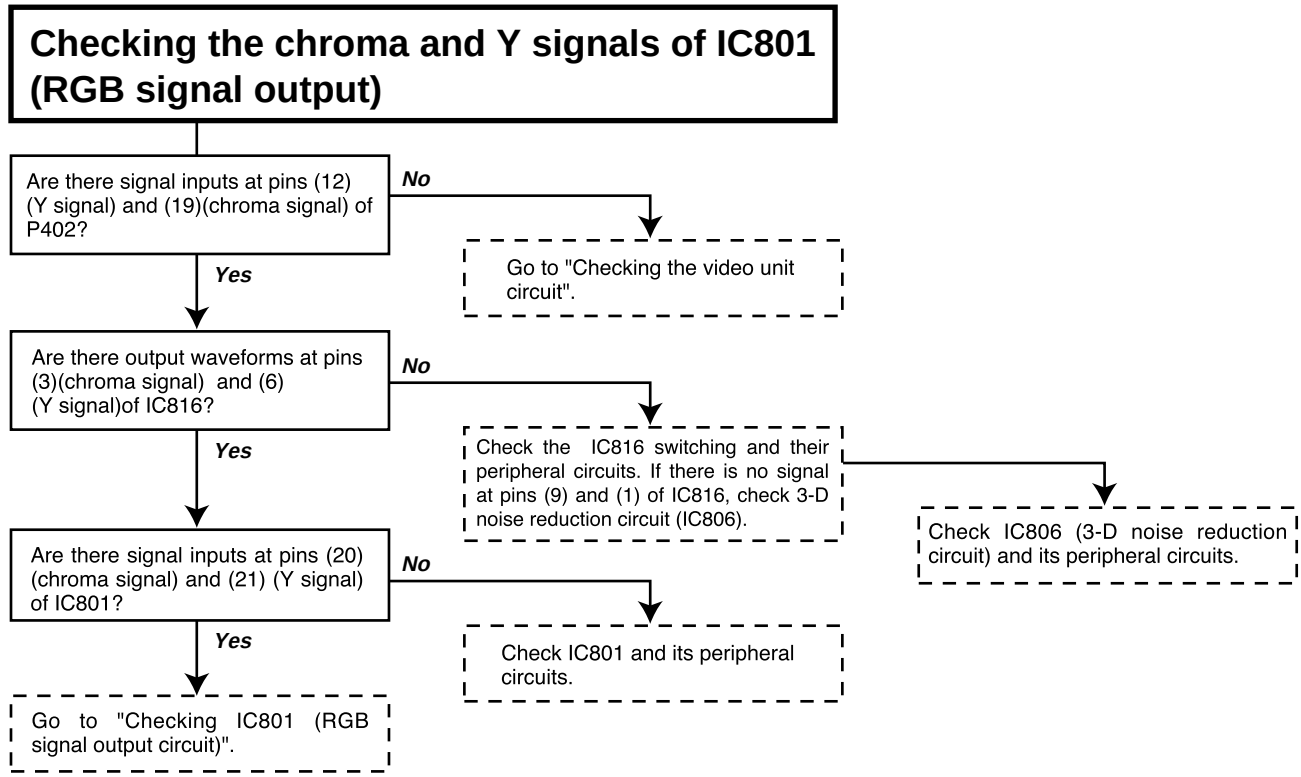


TROUBLE SHOOTING TABLE (Continued)

Checking IC801 (RGB signal output circuit)

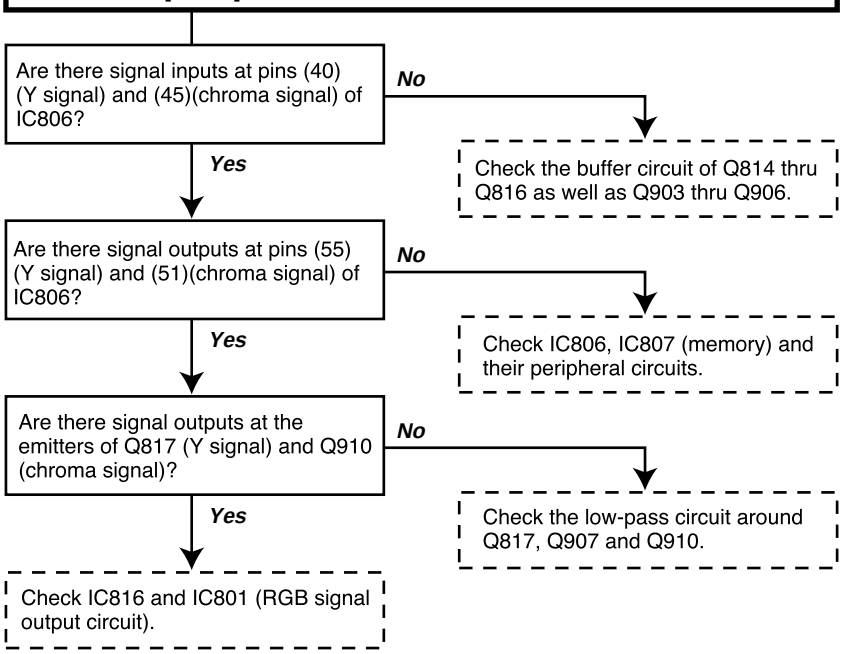


Checking the chroma and Y signals of IC801 (RGB signal output)

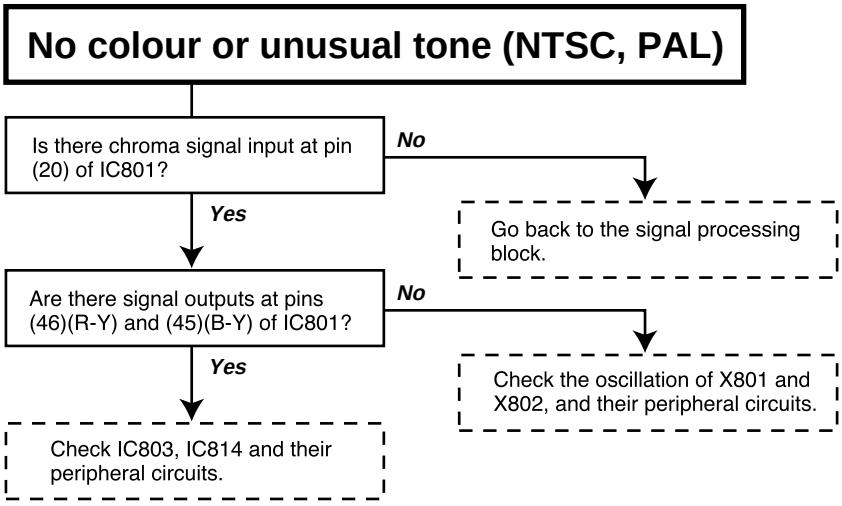


TROUBLE SHOOTING TABLE (Continued)

Checking IC806 (3-D noise reduction circuit) and its peripheral circuits



No colour or unusual tone (NTSC, PAL)



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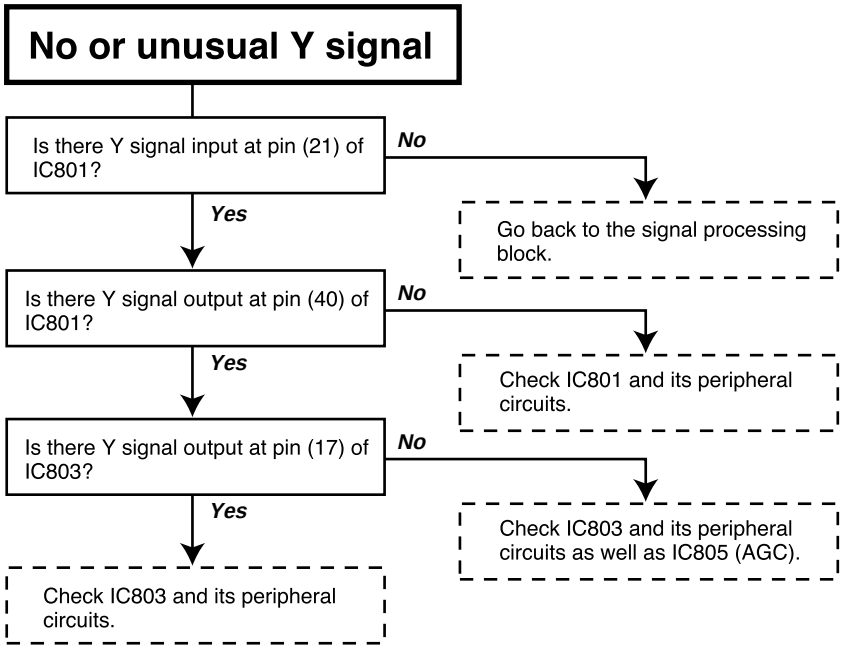

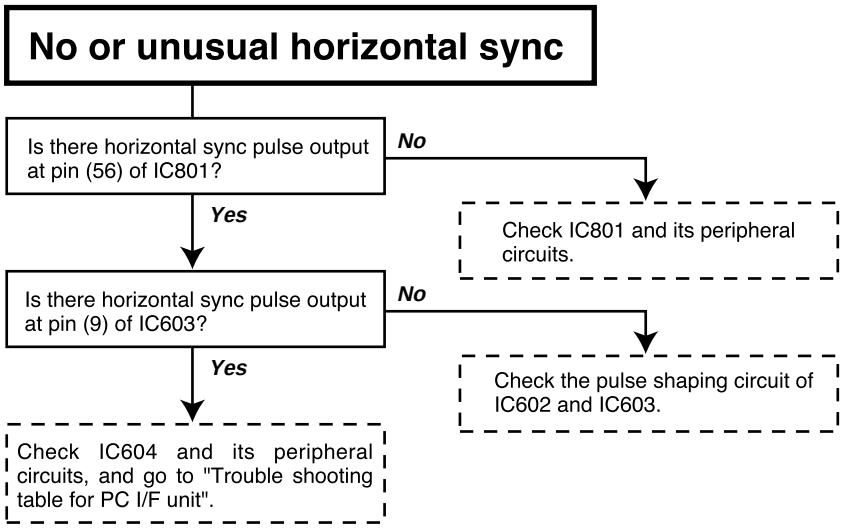

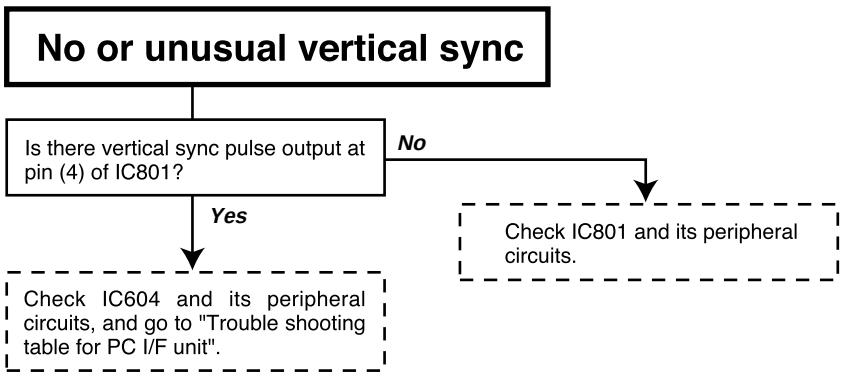

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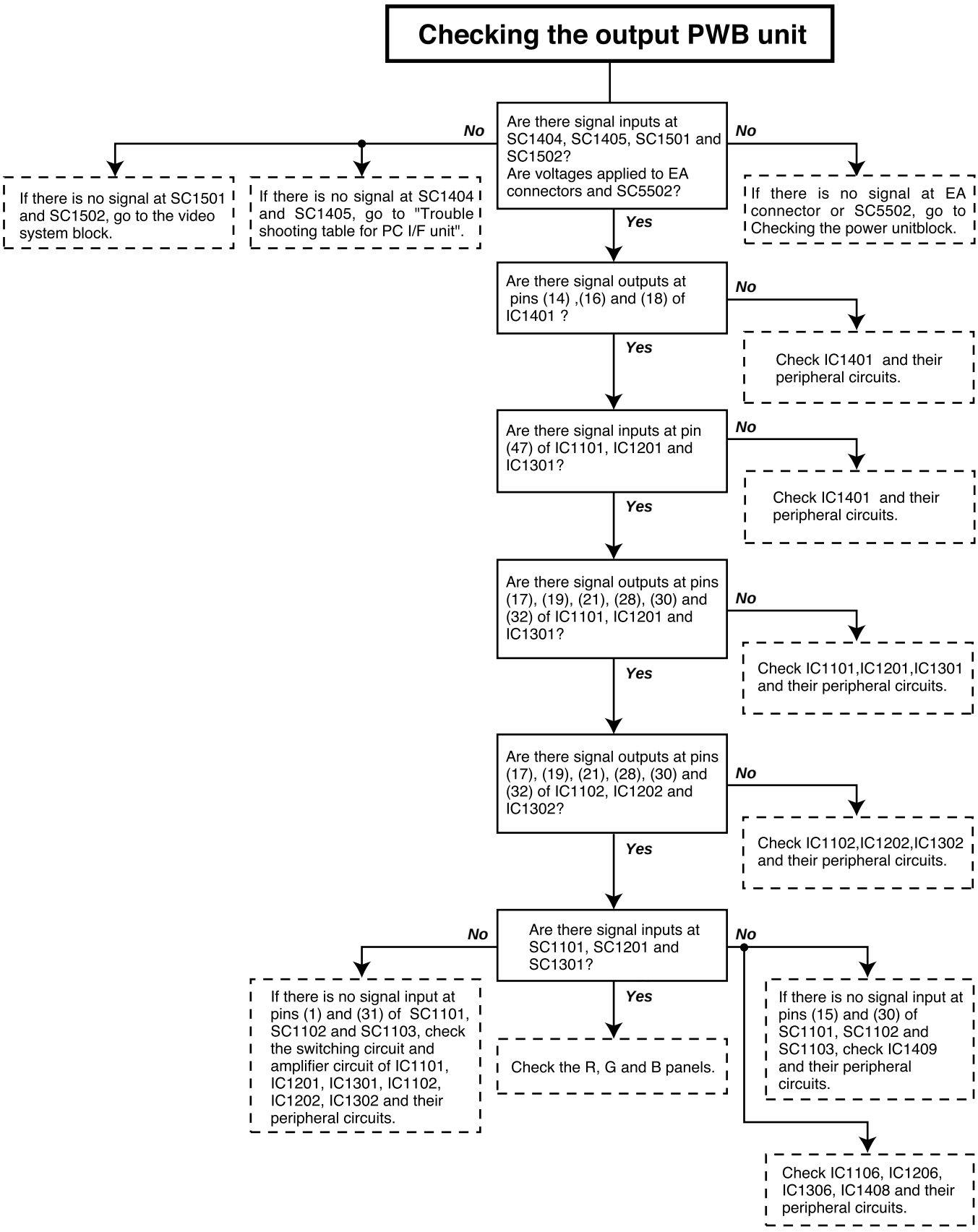
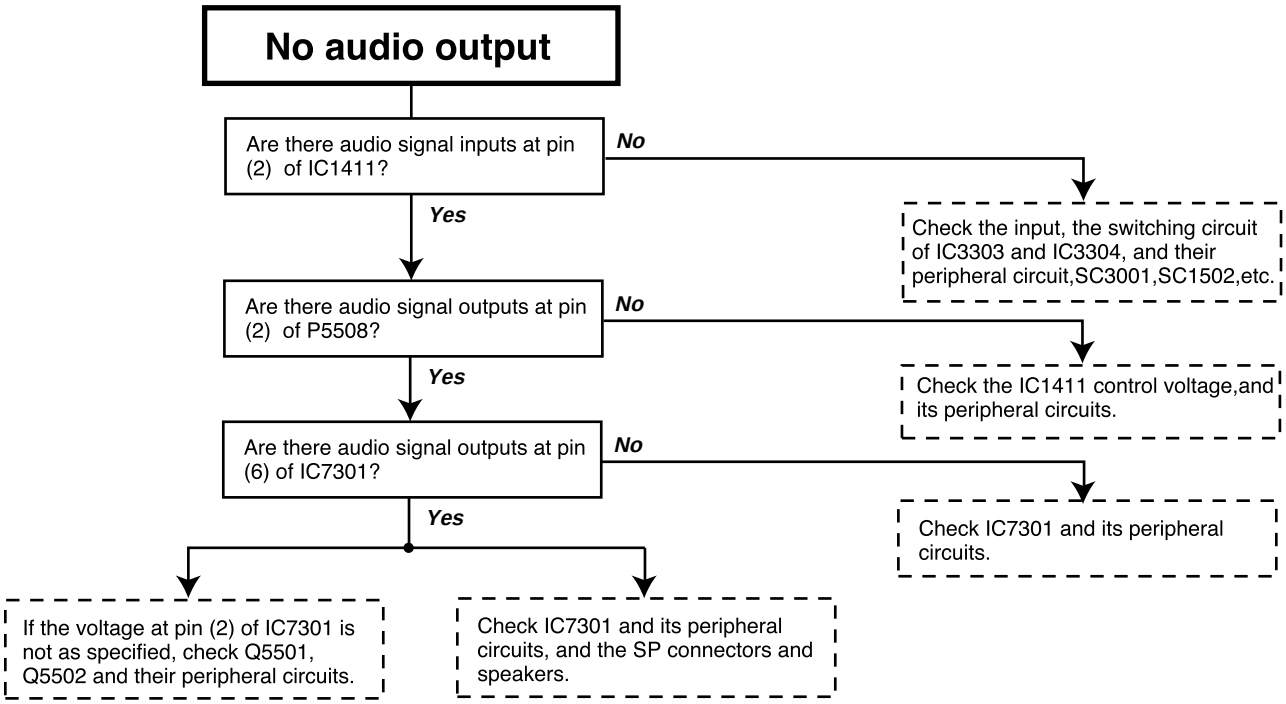
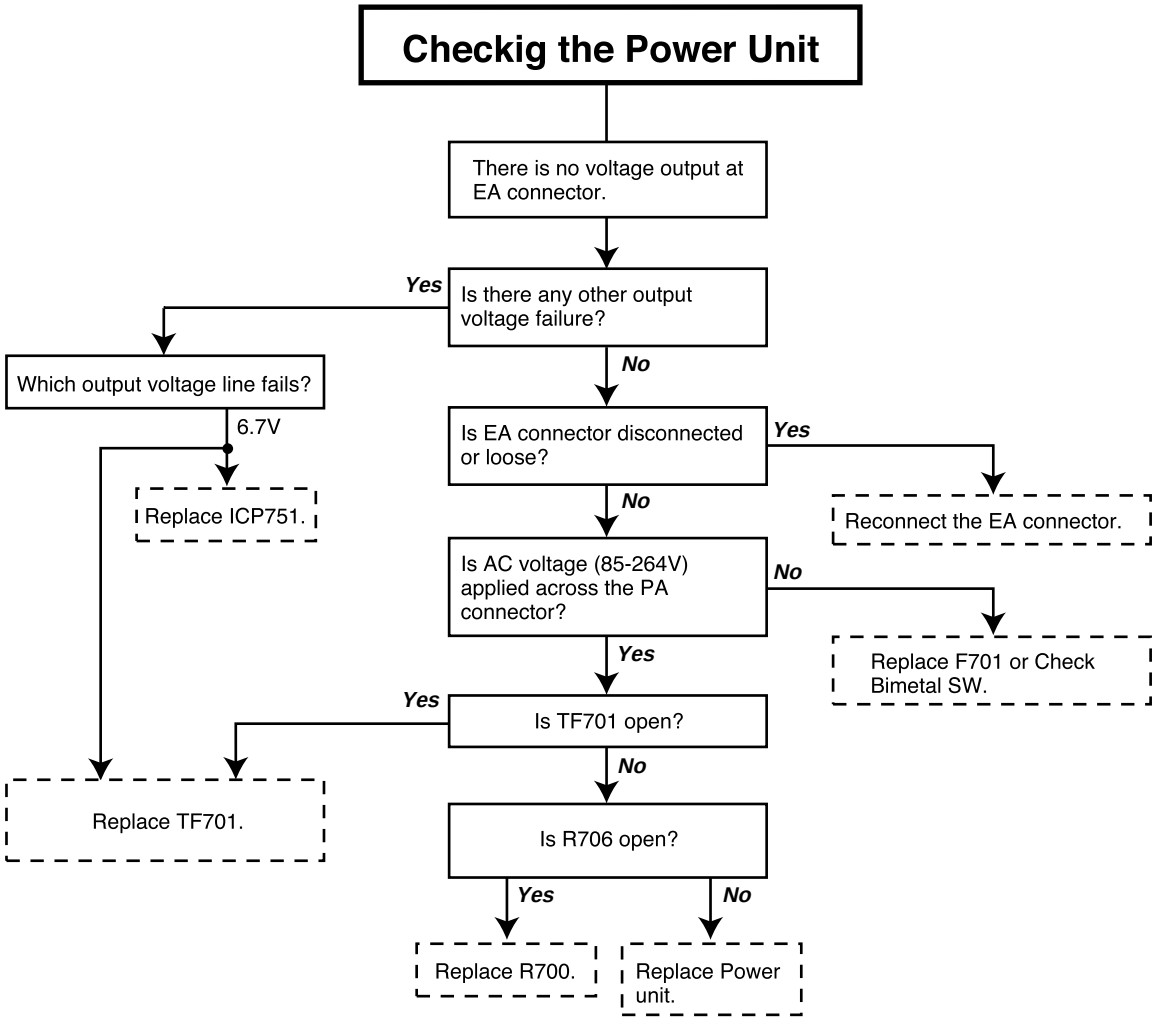


TROUBLE SHOOTING TABLE (Continued)





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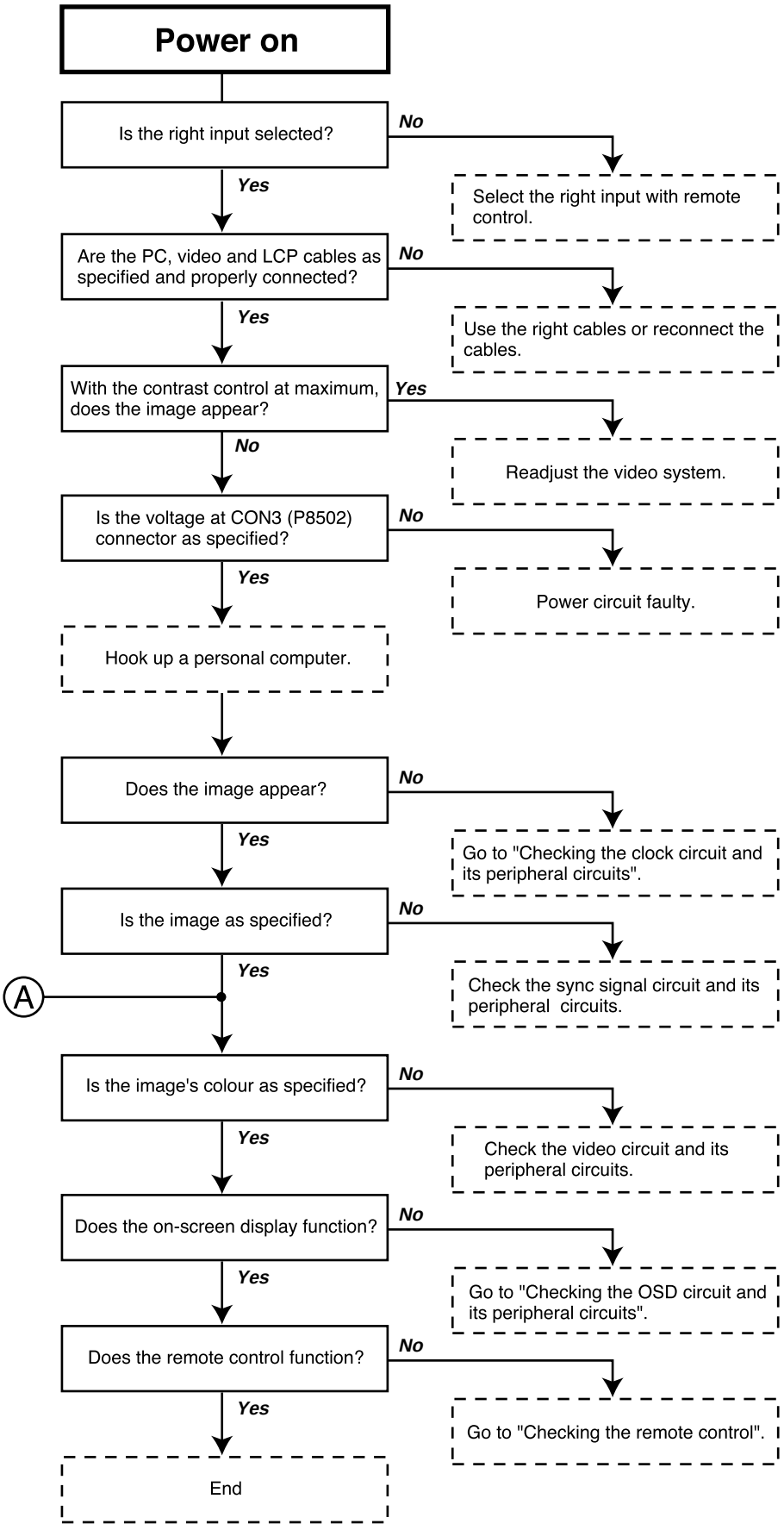
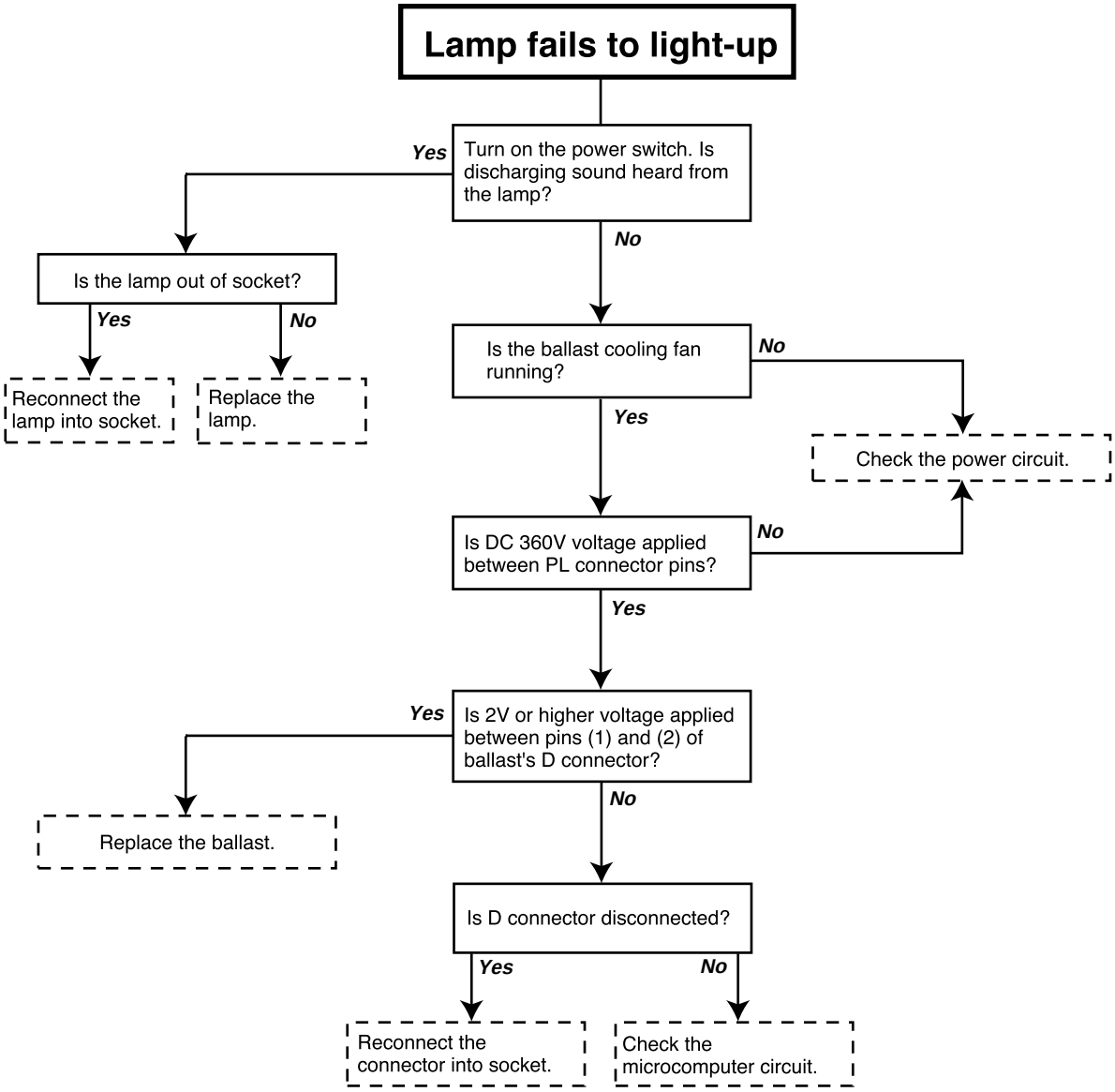
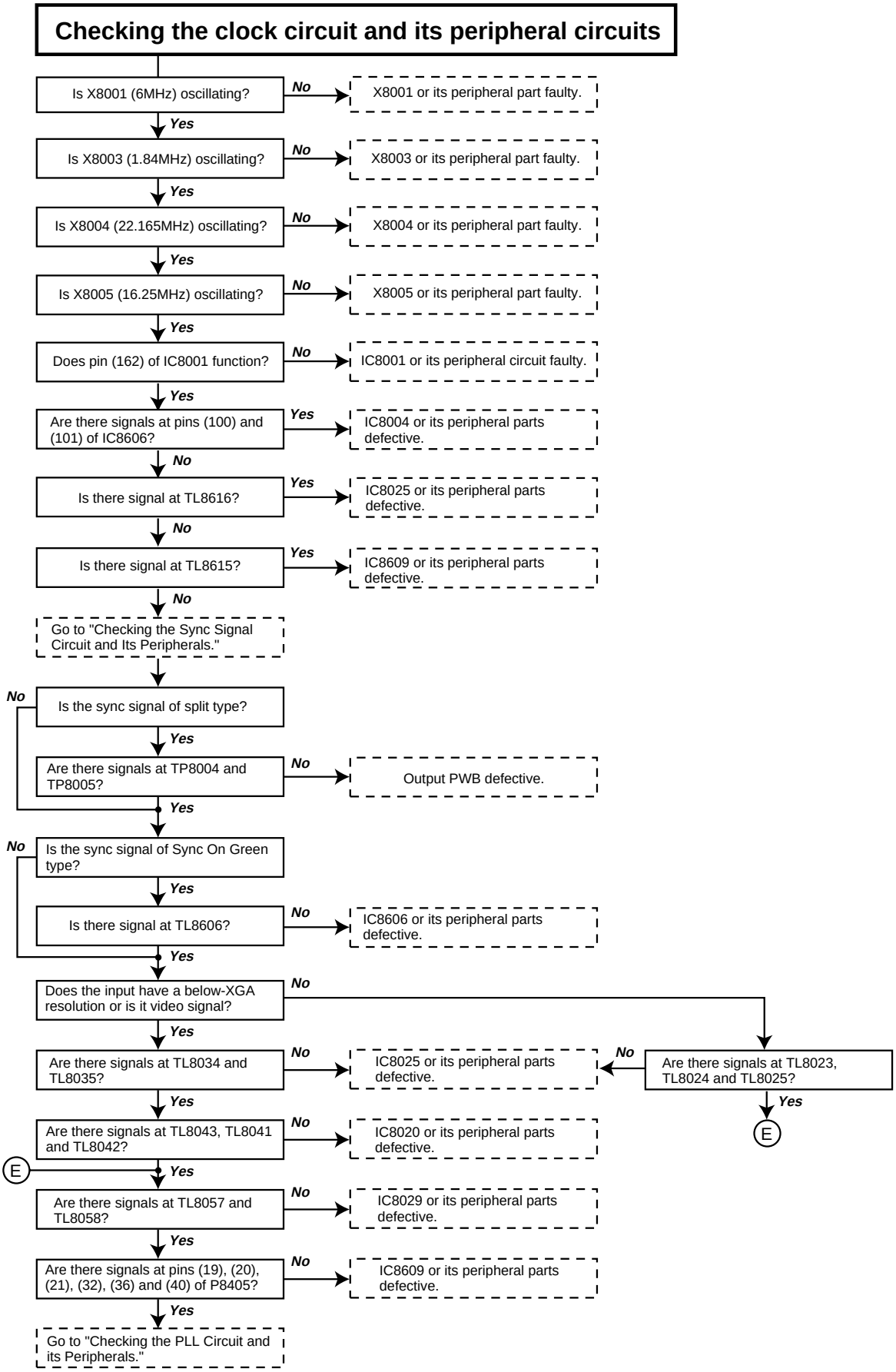


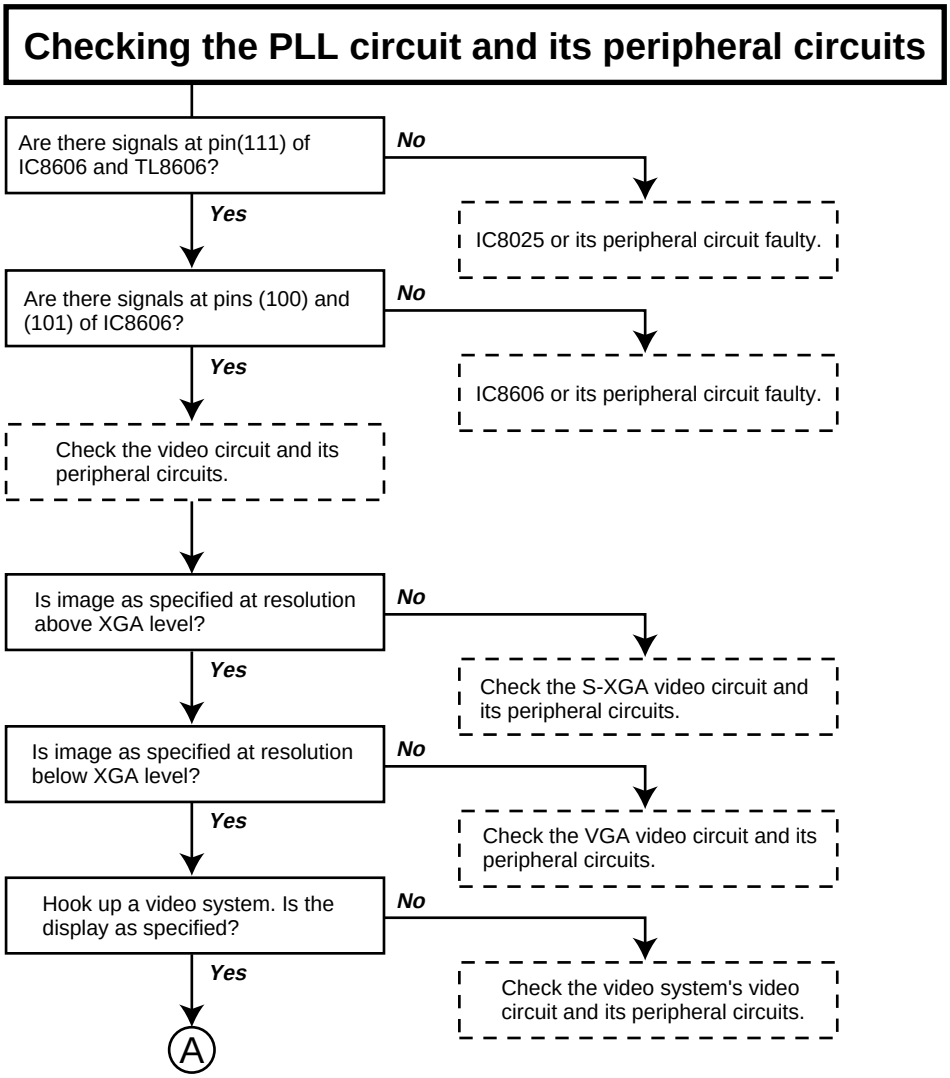
TROUBLE SHOOTING TABLE (Continued)



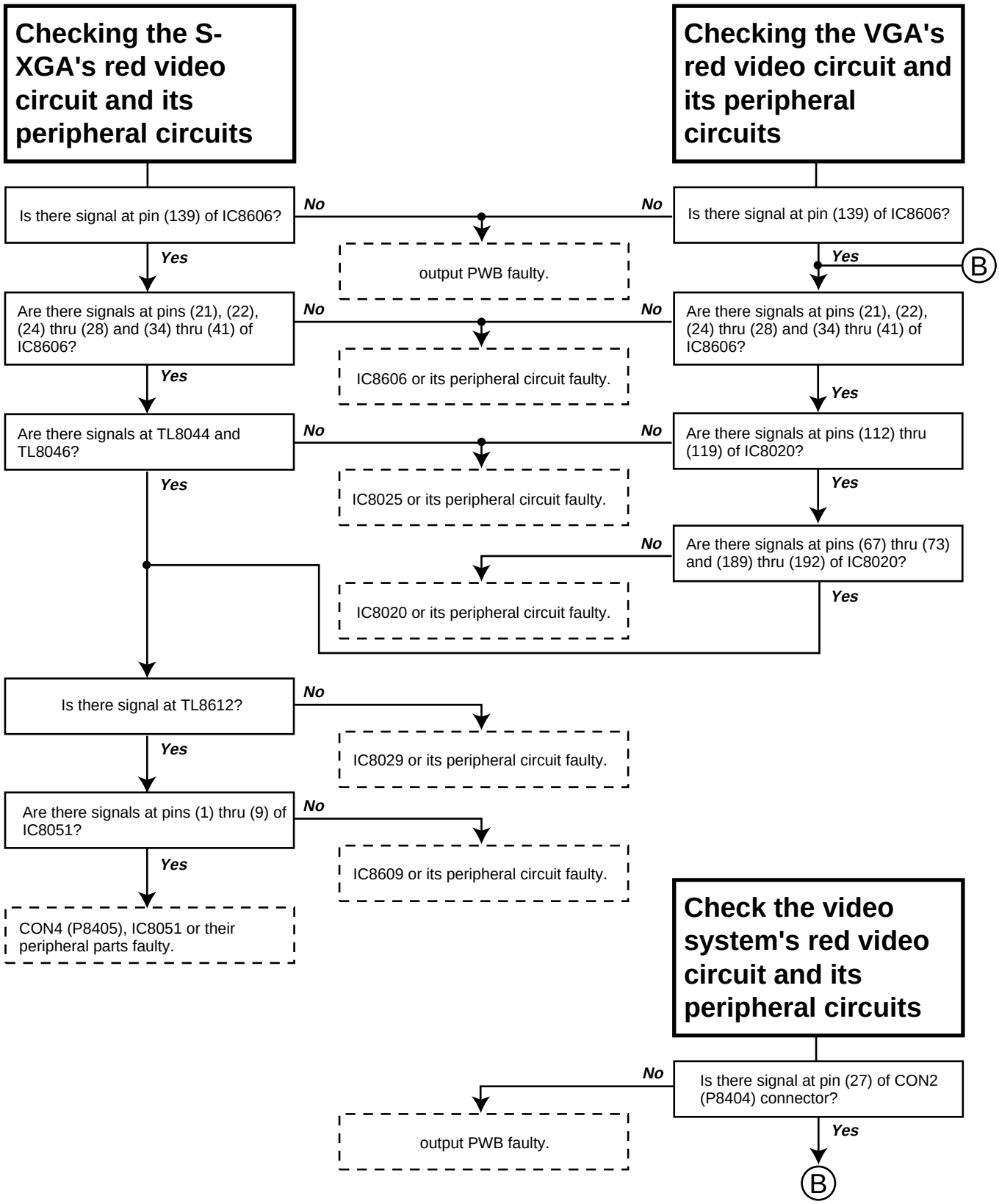
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-1



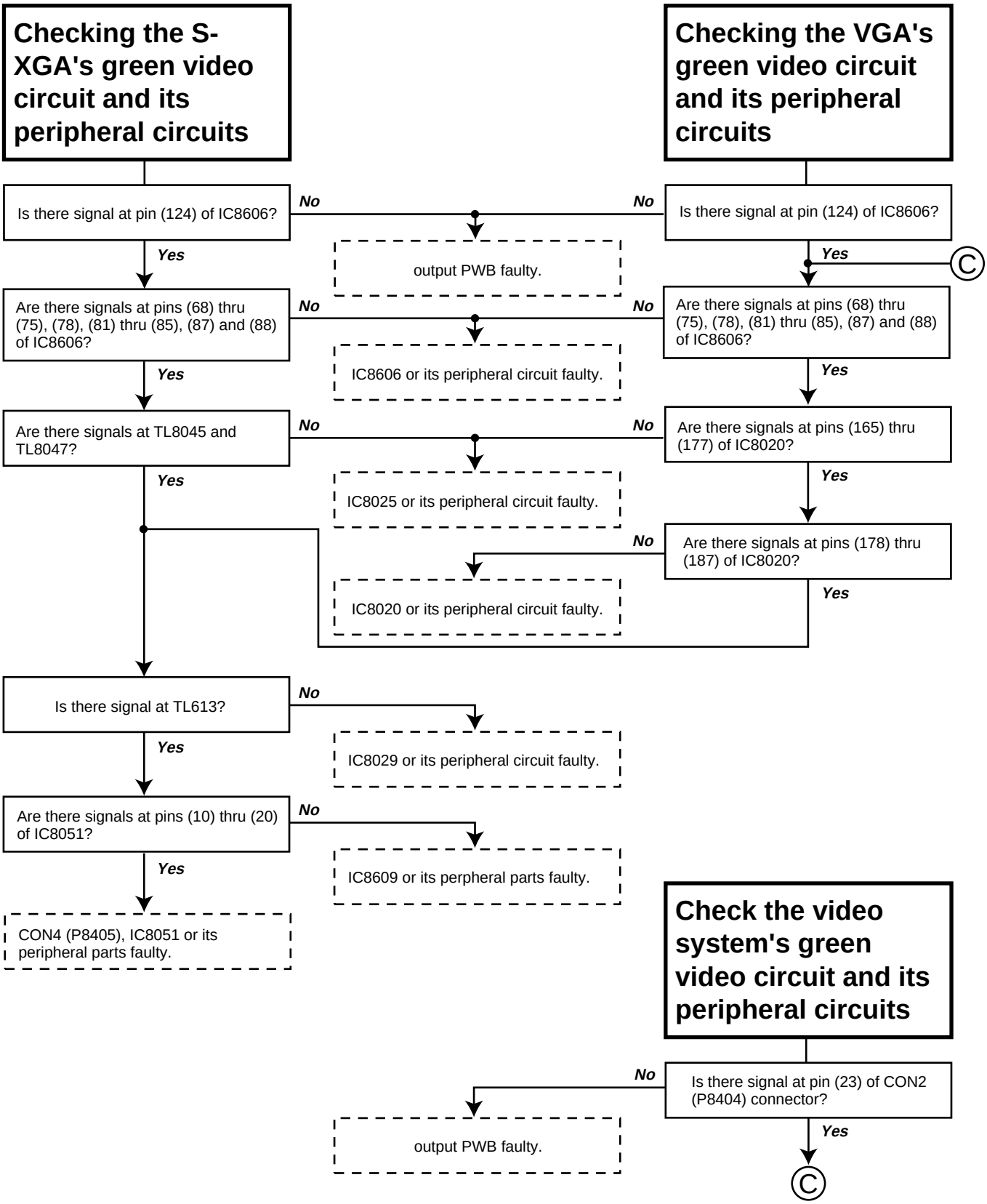
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-2



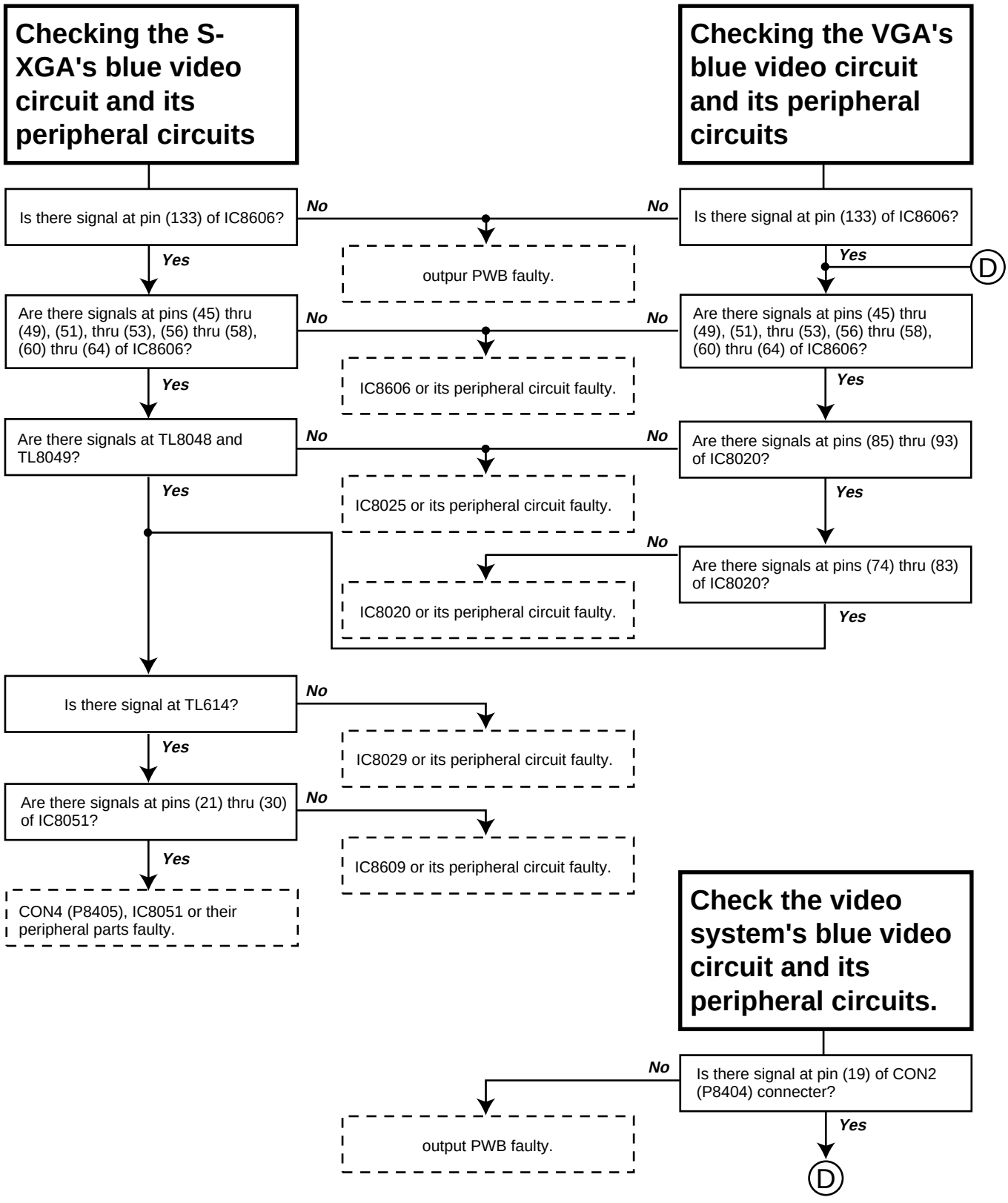
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-3



TROUBLE SHOOTING TABLE FOR PC I/F UNIT-4

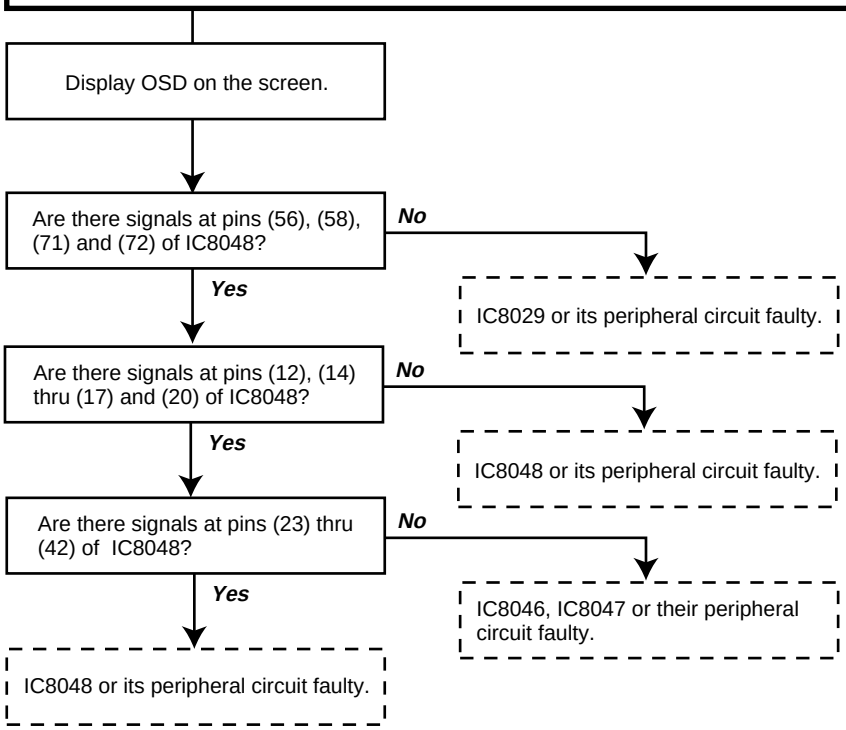


TROUBLE SHOOTING TABLE FOR PC I/F UNIT-5

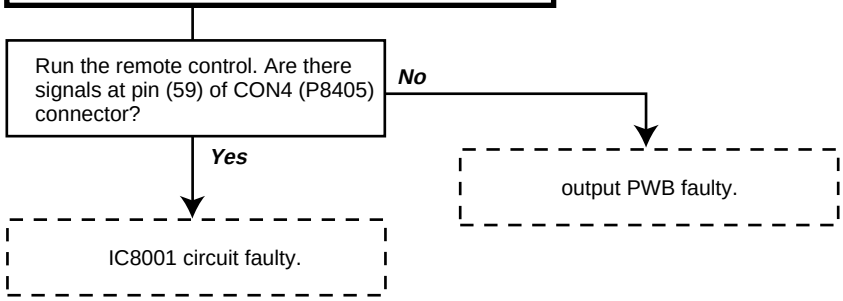


TROUBLE SHOOTING TABLE FOR PC I/F UNIT-6

Checking the OSD circuit and its peripheral circuits

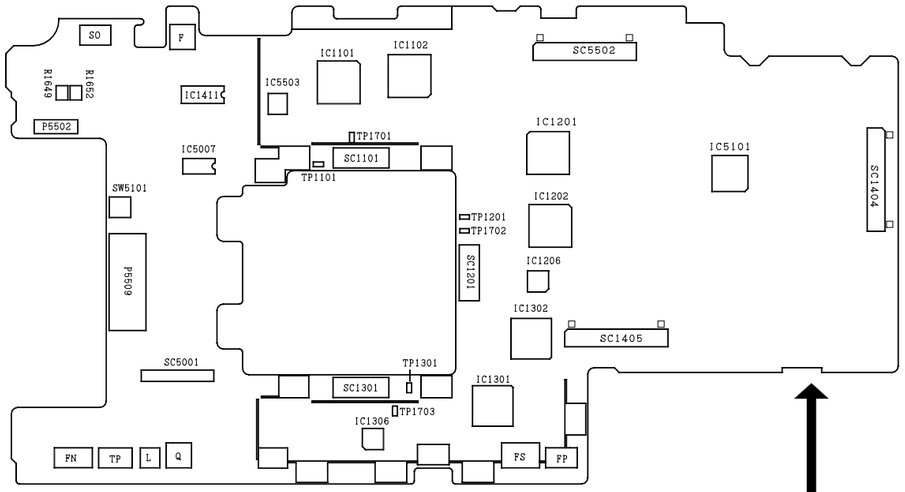


Checking the remote control

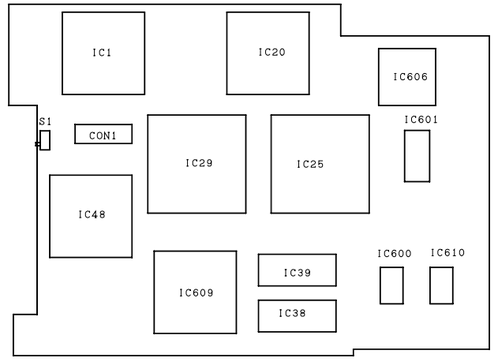


CHASSIS LAYOUT / CHASSIS-ANORDNUNG

OUTPUT UNIT
DUNTKA215DE02



PC I/F UNIT
CPCI-0047CE02



INLET UNIT
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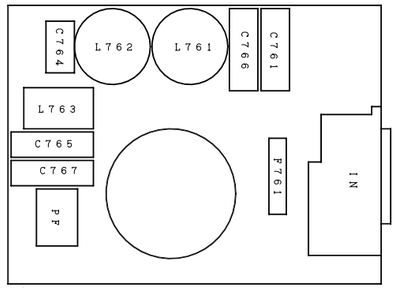
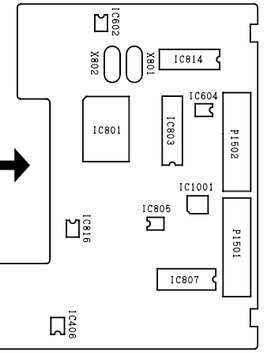


SIGNAL UNIT
DUNTKA211DE02



VIDEO UNIT
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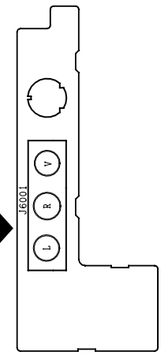
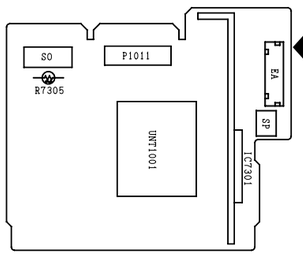
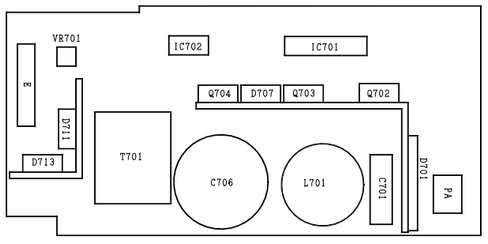


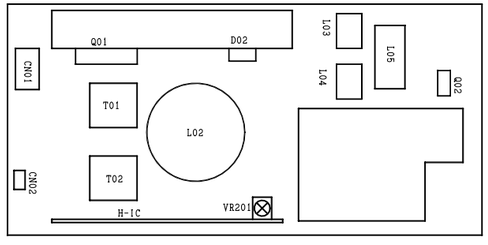
S-OUT/REG UNIT
DUNTKA214DE02



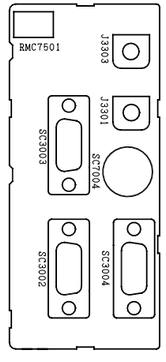
POWER UNIT
RDENC0311CEZZ



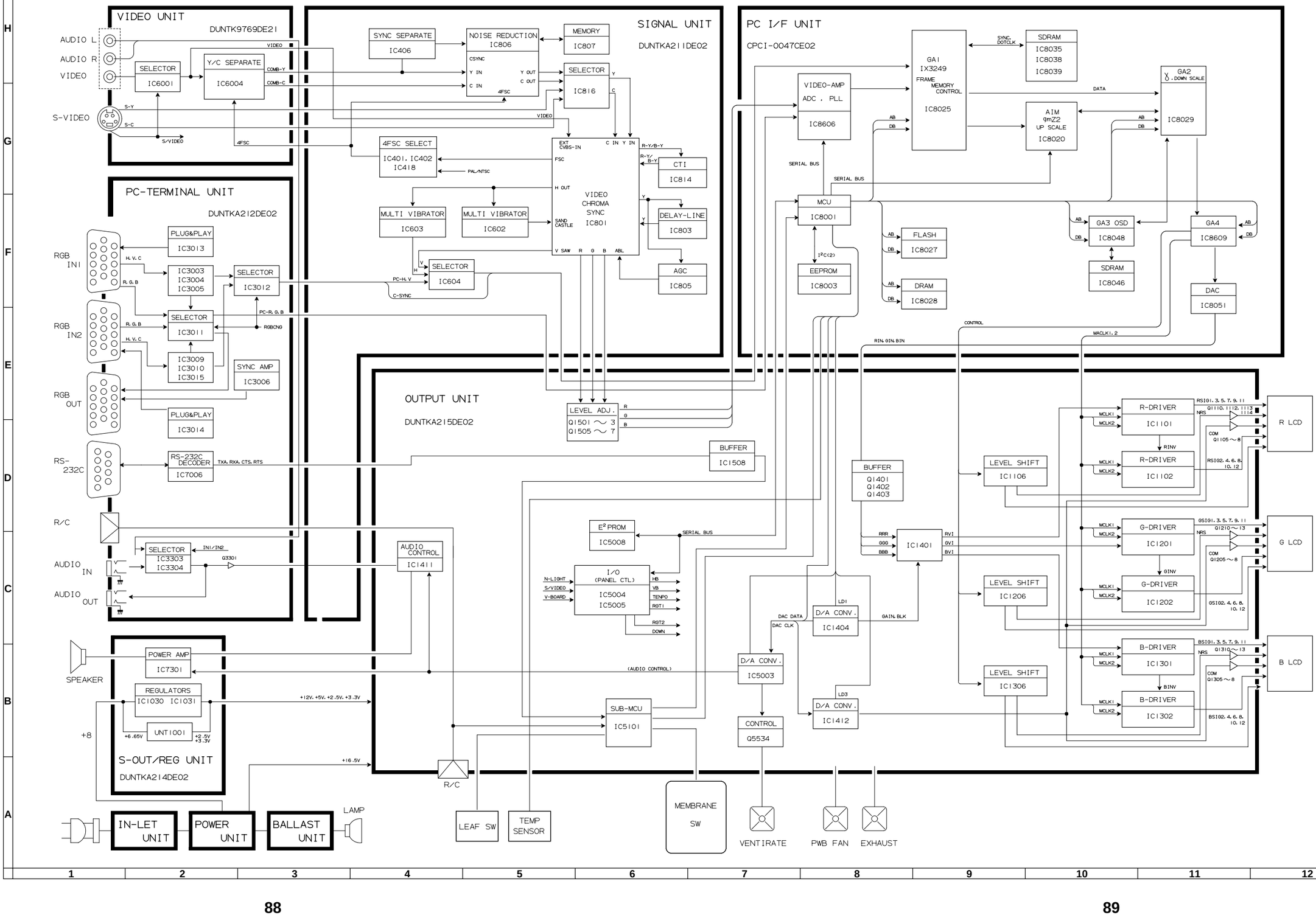
BALLAST UNIT
RDENC0313CEZZ



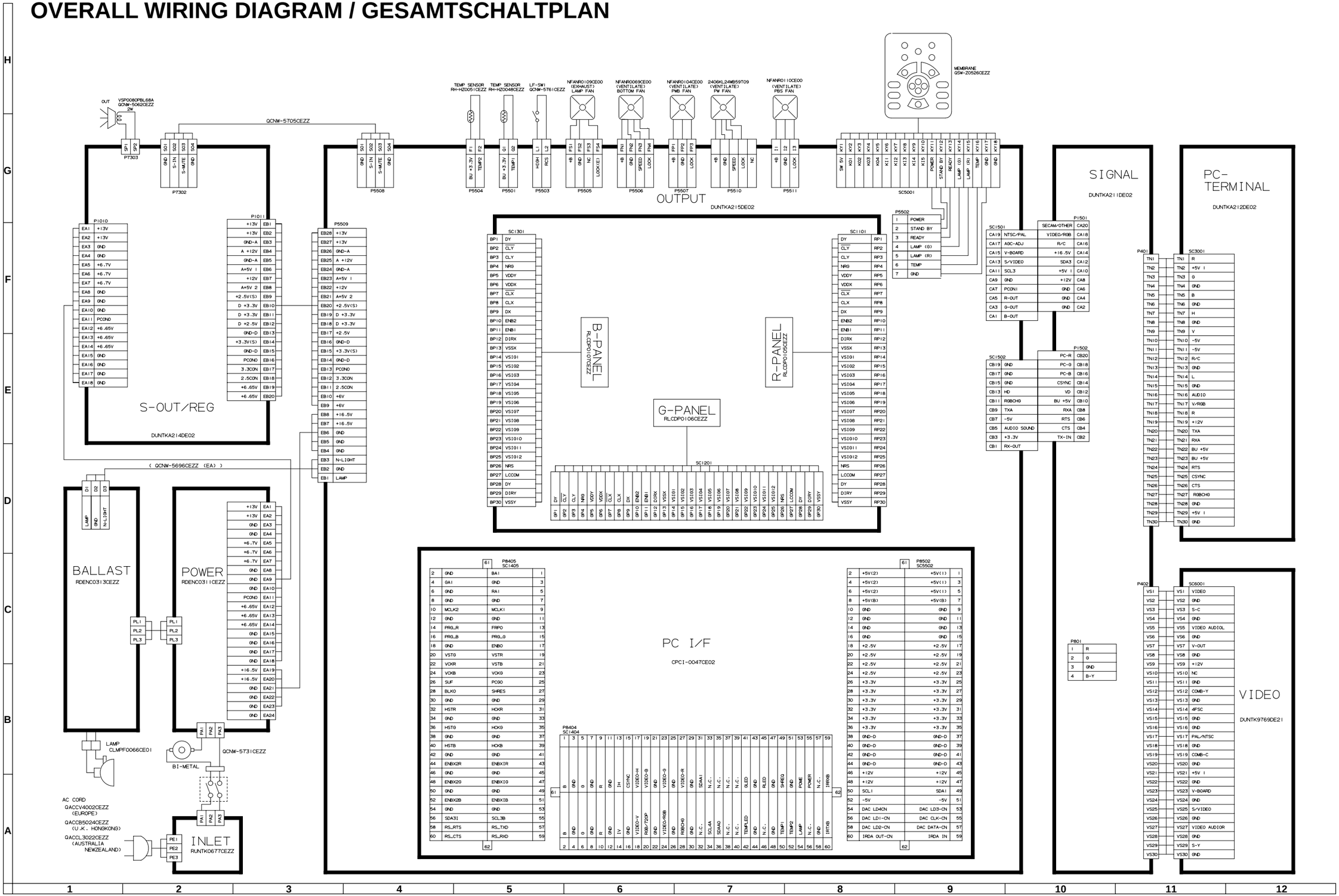
PC TERMINAL UNIT
DUNTKA212DE02



BLOCK DIAGRAM / BLOCKSCHALTBILD



OVERALL WIRING DIAGRAM / GESAMTSCHALTPLAN



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 230V. Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 230V. Signals are fed by a colour bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/16W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid Ⓦ: Cement
   Ⓢ: Oxide Film Ⓣ: Special
   Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
   (ML): Mylar (TA): Tantalum
   (PF): Polypro Film (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH " ⚠ ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

BESCHREIBUNG DES SCHEMATISCHEN SCHALTPLANS

SPANNUNGSMESSUNGEN:

1. Spannungen an den Prüfpunkten werden bei einer Netzspannung von 230V gemessen, Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt, und Spannungen werden mit einem Meßinstrument (20 kΩ/V) ermittelt.

SIGNALFORMMESSUNGEN:

1. Die Wellenformen an den Testpunkten werden bei einer Netzspannung von 230V verfolgt. Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt.

BEZEICHNUNG DES WIDERSTANDS UND KONDENSATORS:

WIDERSTAND

1. Die Widerstandseinheit "Ω" wird weggelassen. (K=kΩ=1000 Ω, M=MΩ).
2. Alle Widerstände haben ± 5%, sofern nicht anders angegeben. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. Alle Widerstände haben 1/16W, sofern nicht anders angegeben.
4. Alle Widerstände sind Kohletyp, sofern nicht anders angegeben.
   Ⓒ: Fest Ⓦ: Zement
   Ⓢ: Oxidefilm Ⓣ: Spezial
   Ⓝ: Metallüberzug

KONDENSATOR

1. Die Kapazitätseinheit ist μF, sofern nicht anders angegeben. (P=pF=μμF).
2. Alle Kondensatoren haben 50V, sofern nicht anders angegeben.
3. Alle Kondensatoren sind Keramiktyp, sofern nicht anders angegeben.
   (ML): Mylar (TA): Tantal
   (PF): Polyprofilm (ST): Styrol

ACHTUNG:
bei diesem Schaltplan handelt es sich um den ursprünglichen. Esönnen daher geringfügige Unterschiede zu dem Ihrem bestehen.

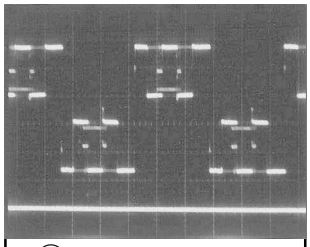
SICHERHEITSANMERKUNGEN:

1. VOR DEM AUSWECHSELN VON TEILEN MUSS UNBEDINGT NETZSTECKER AUS DER NETZSTECKDOSE GEZOGEN WERDEN.
2. DIE WARMEABLEITER DER HALBLEITER SOLLTEN BEIM BETRIEB DES CHASSIS ALS MÖGLICHE URSACHEN VON GEFÄHRLICHEN ELEKTRISCHEN SCHLÄGEN BETRACHTET WERDEN.

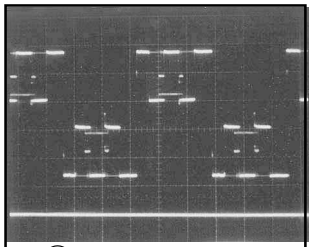
WICHTIGE SICHERHEITSANMERKUNGEN:

MIT "⚠ ( )BEZEICHNETEN TEILE SIND BESONDERS WICHTIG FÜR DIE AUFRECHTERHALTUNG DER SICHERHEIT . BEIM WECHDIESER TEILE SOLLTEN DIE VORGESCHRIEBENEN TEILE IMMER VERWENDET WERDEN, UM SOWOHL DIE SICHERHEIT ALS AUCH DIE LEISTUNG DES GERÄTES AUFRECHTZUERHALTEN.

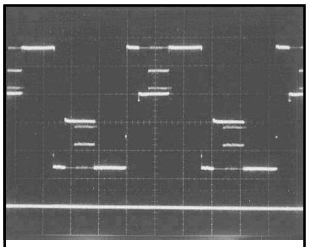
WAVEFORMS / WELLENFORMEN



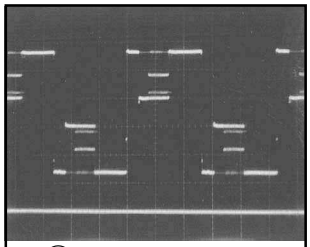
① SC1101 18-pin
(RP SIG5)
H : 10µsec/div
V : 2V/div



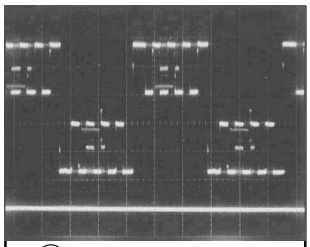
② SC1101 19-pin
(RP SIG6)
H : 10µsec/div
V : 2V/div



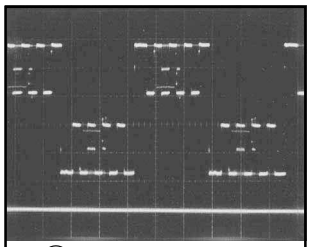
③ SC1201 18-pin
(GP SIG5)
H : 10µsec/div
V : 2V/div



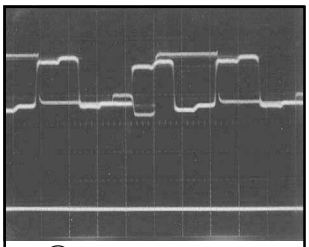
④ SC1201 19-pin
(GP SIG6)
H : 10µsec/div
V : 2V/div



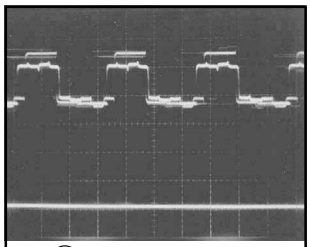
⑤ SC1301 18-pin
(BP SIG5)
H : 10µsec/div
V : 2V/div



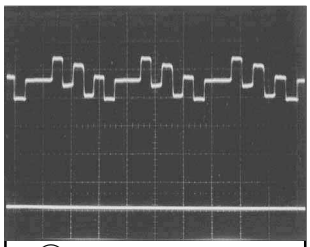
⑥ SC1301 19-pin
(BP SIG6)
H : 10µsec/div
V : 2V/div



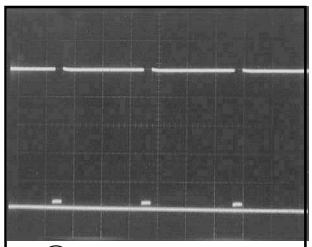
⑦ P801 1-pin
(R)
H : 10µsec/div
V : 0.5V/div



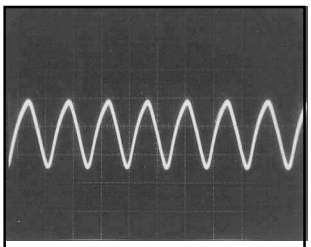
⑧ P801 2-pin
(G)
H : 20µsec/div
V : 0.5V/div



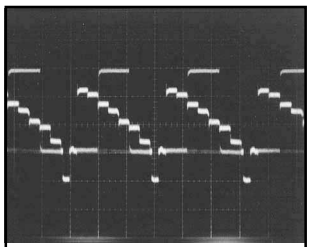
⑨ P801 4-pin
(B-Y)
H : 20µsec/div
V : 1V/div



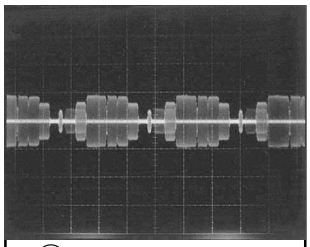
⑩ IC604 6-pin
(H-OUT)
H : 20µsec/div
V : 1V/div



⑪ Q422 Emitter
(4FSC)
H : 50µsec/div
V : 0.5V/div

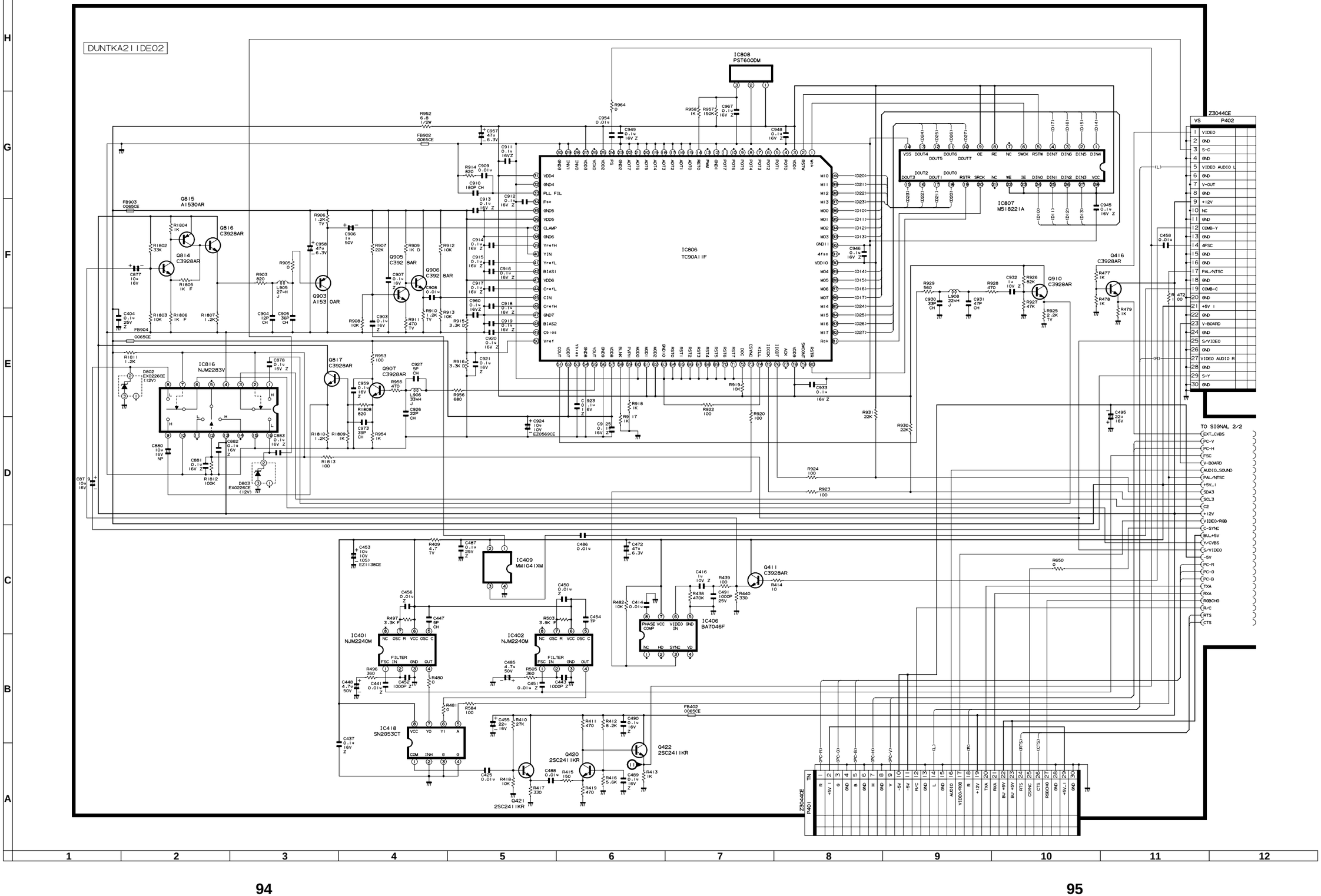


⑫ Q6008 Emitter
(Y-signal)
H : 10µsec/div
V : 0.2V/div

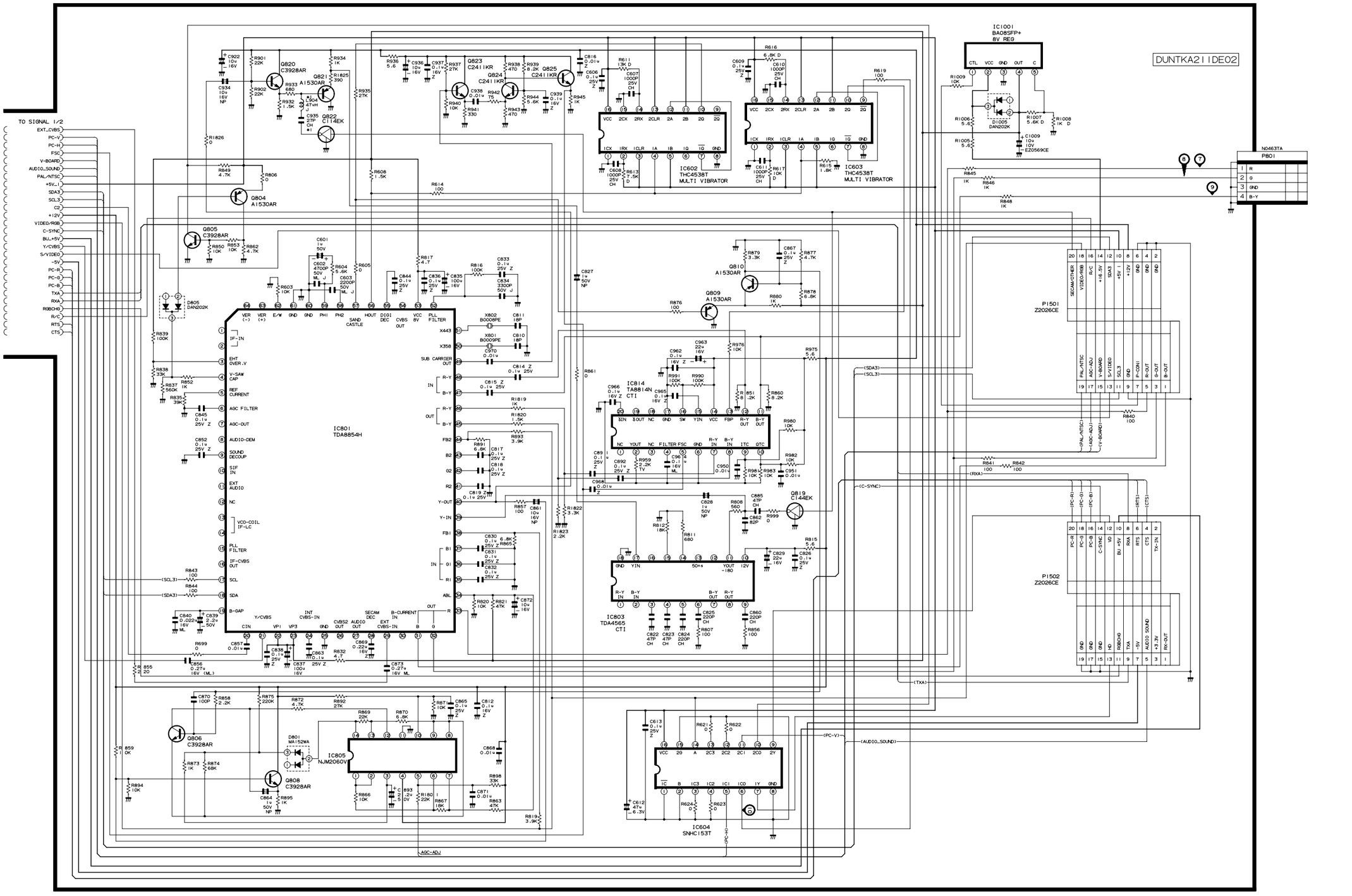


⑬ Q6003 Emitter
(CHROMA signal)
H : 10µsec/div
V : 0.2V/div

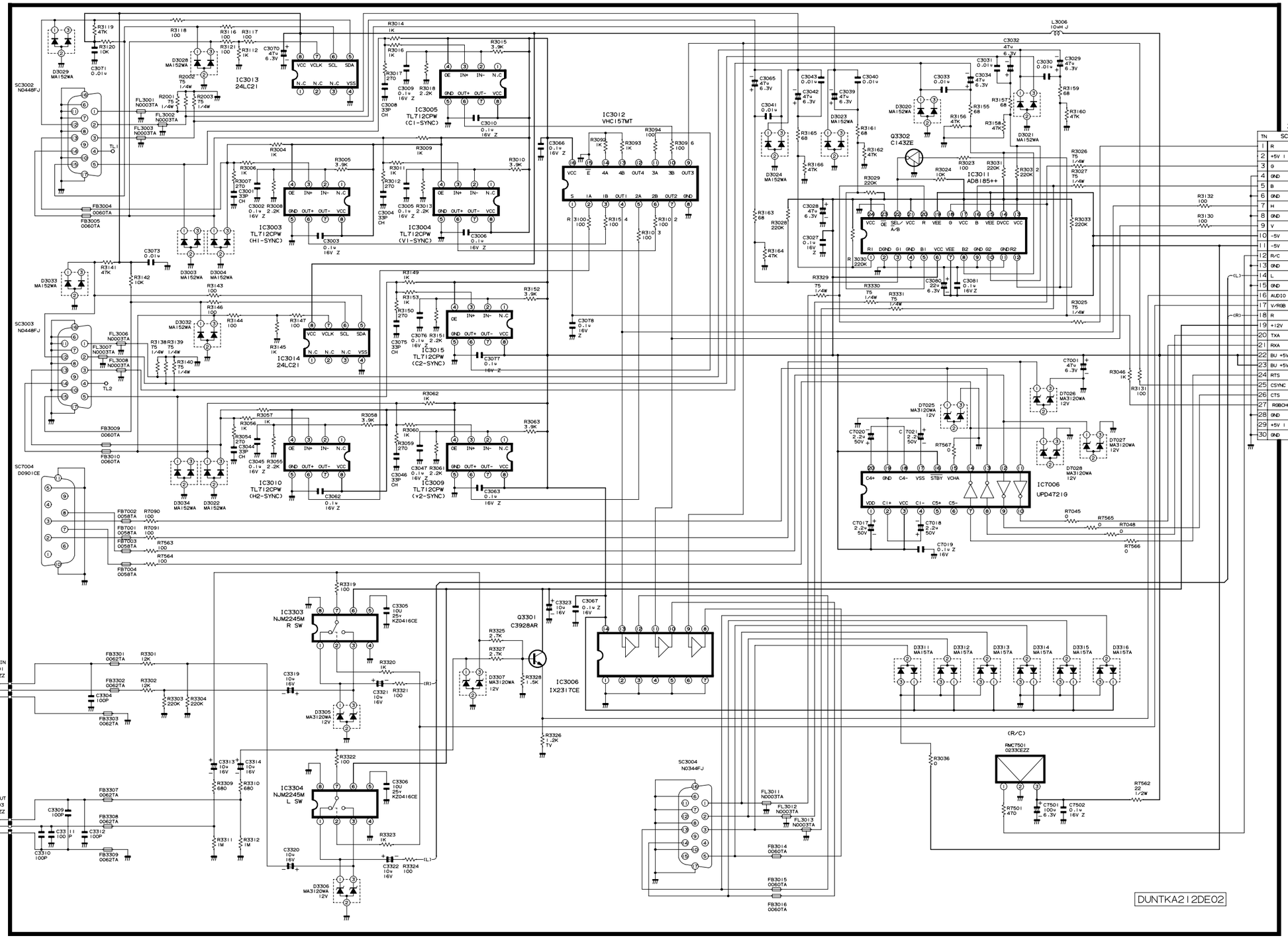
■ SIGNAL UNIT-1/2 / SIGNALEINHEIT-1/2



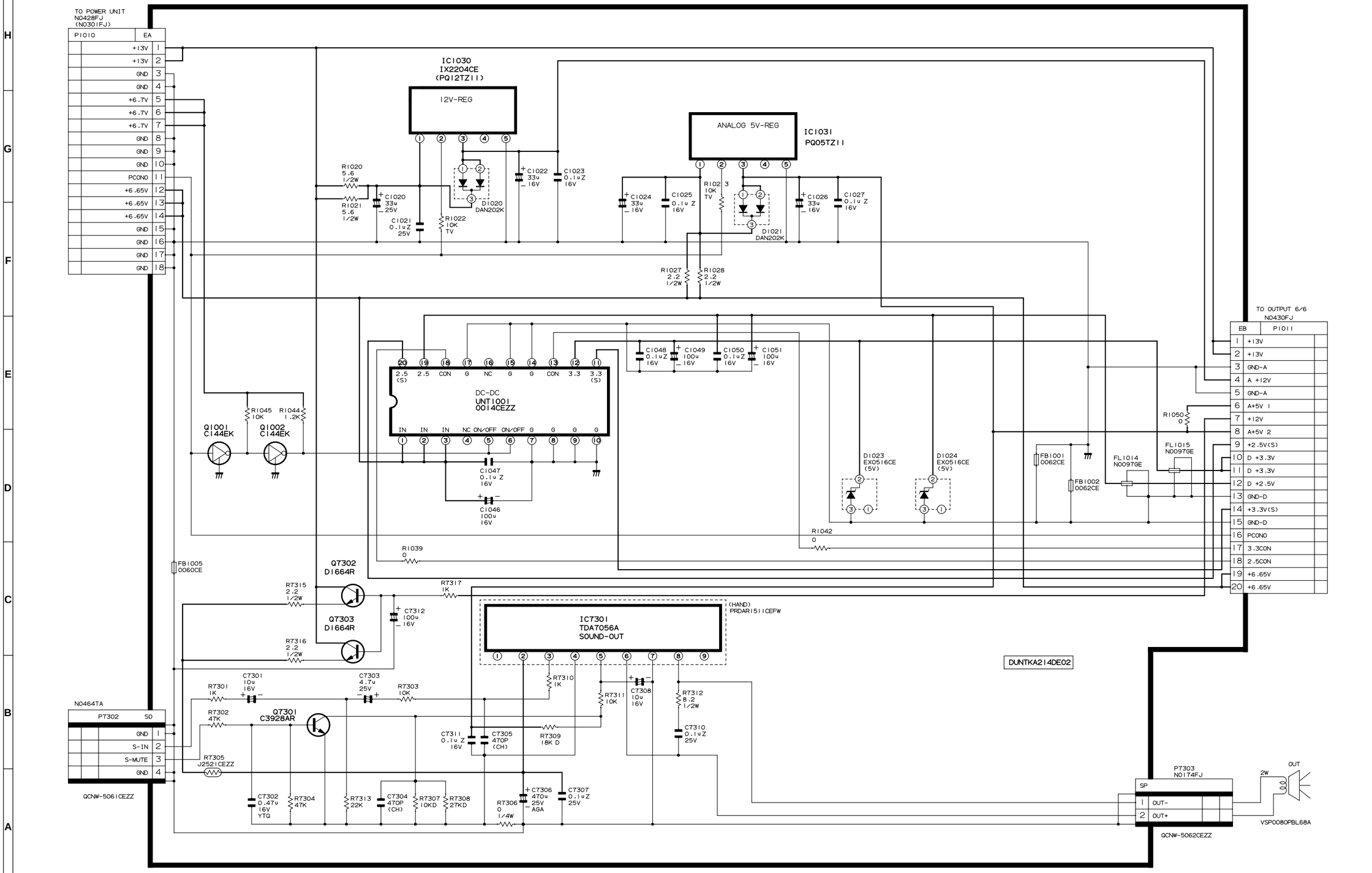
■ SIGNAL UNIT-2/2 / SIGNALEINHEIT-2/2



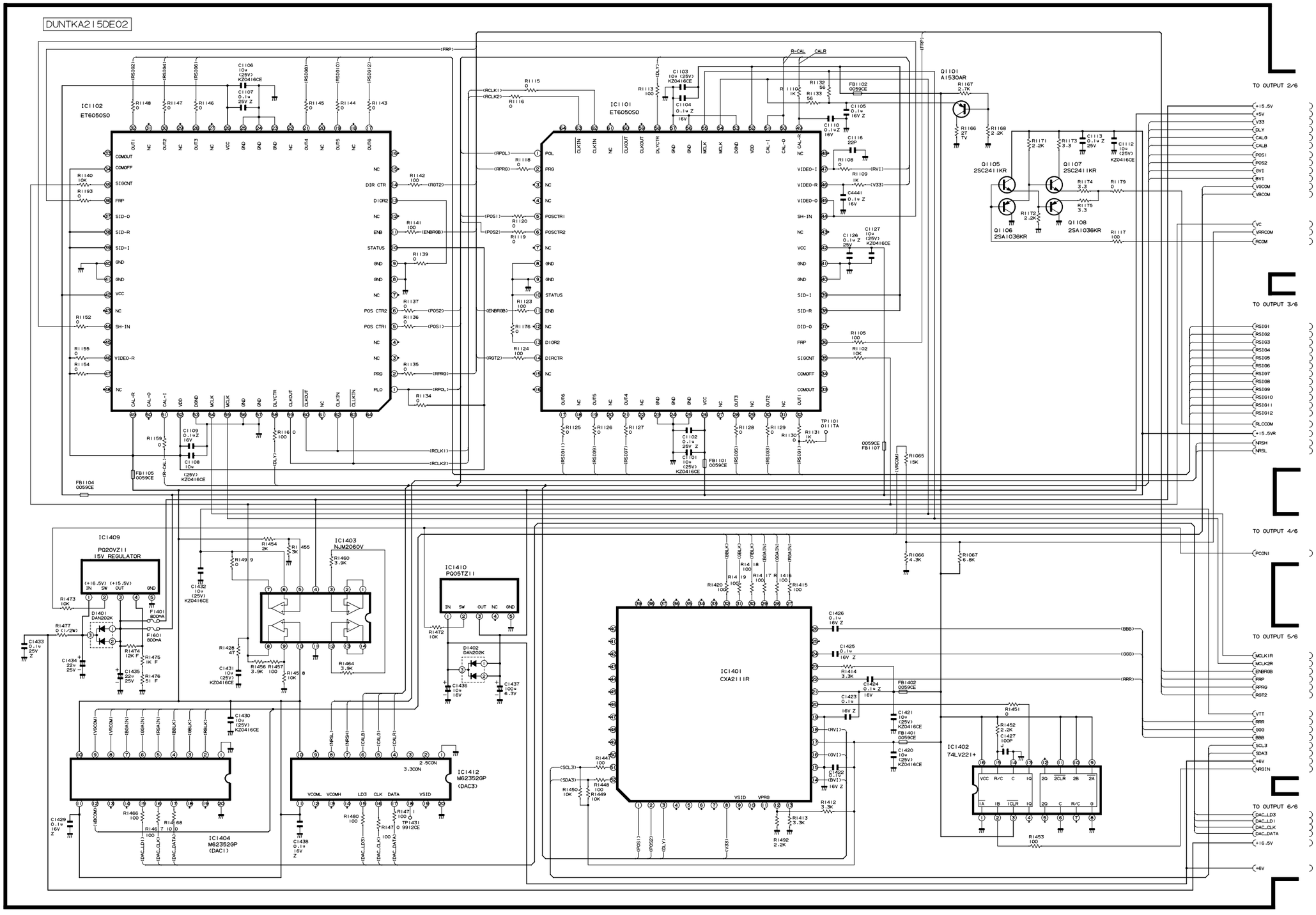
■ PC TERMINAL UNIT / PC-ANSCHLUßEINHEIT



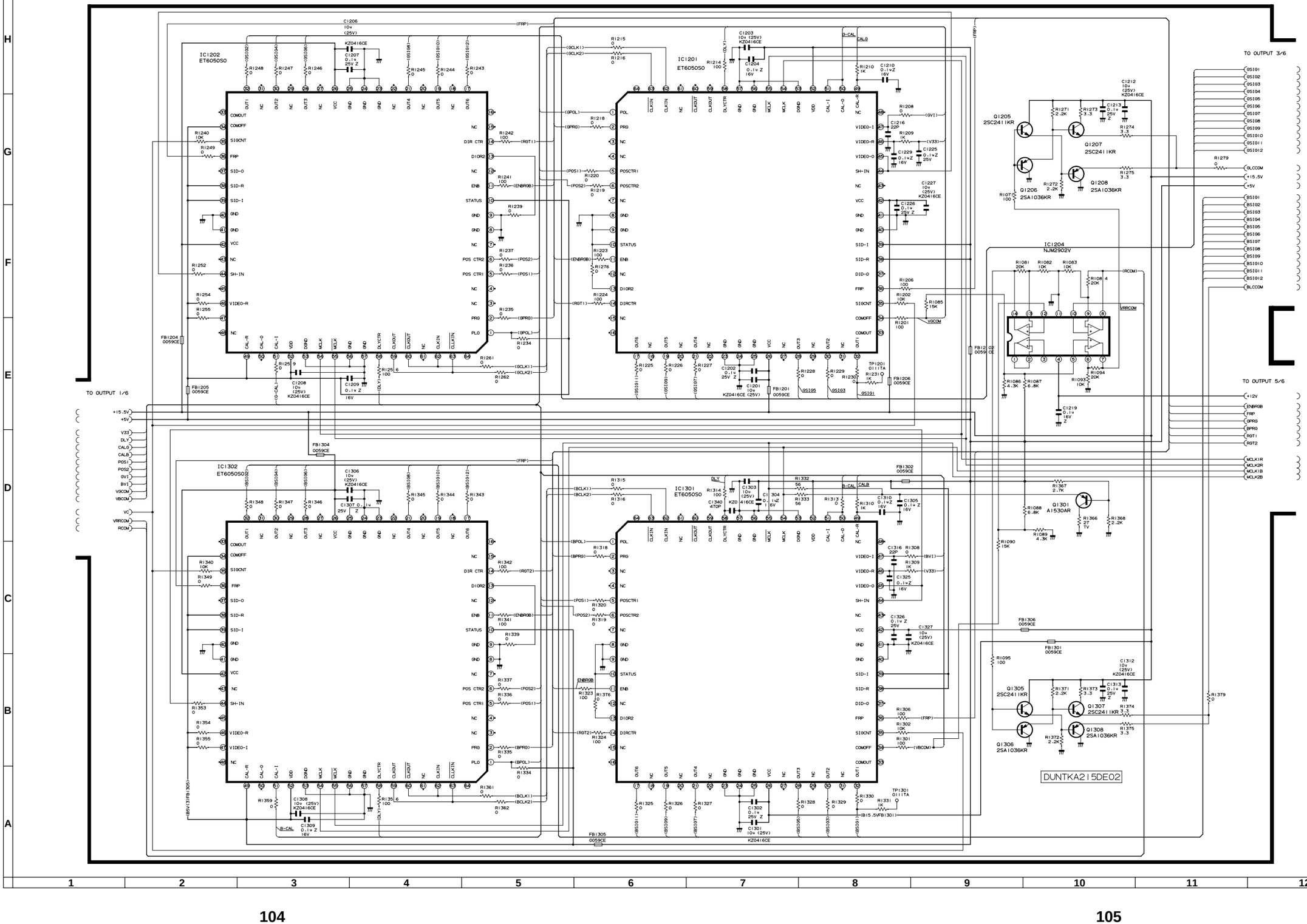
■ SOUND OUT and REGULATOR UNIT / TONAUSGABE-und REGLEREINHEIT



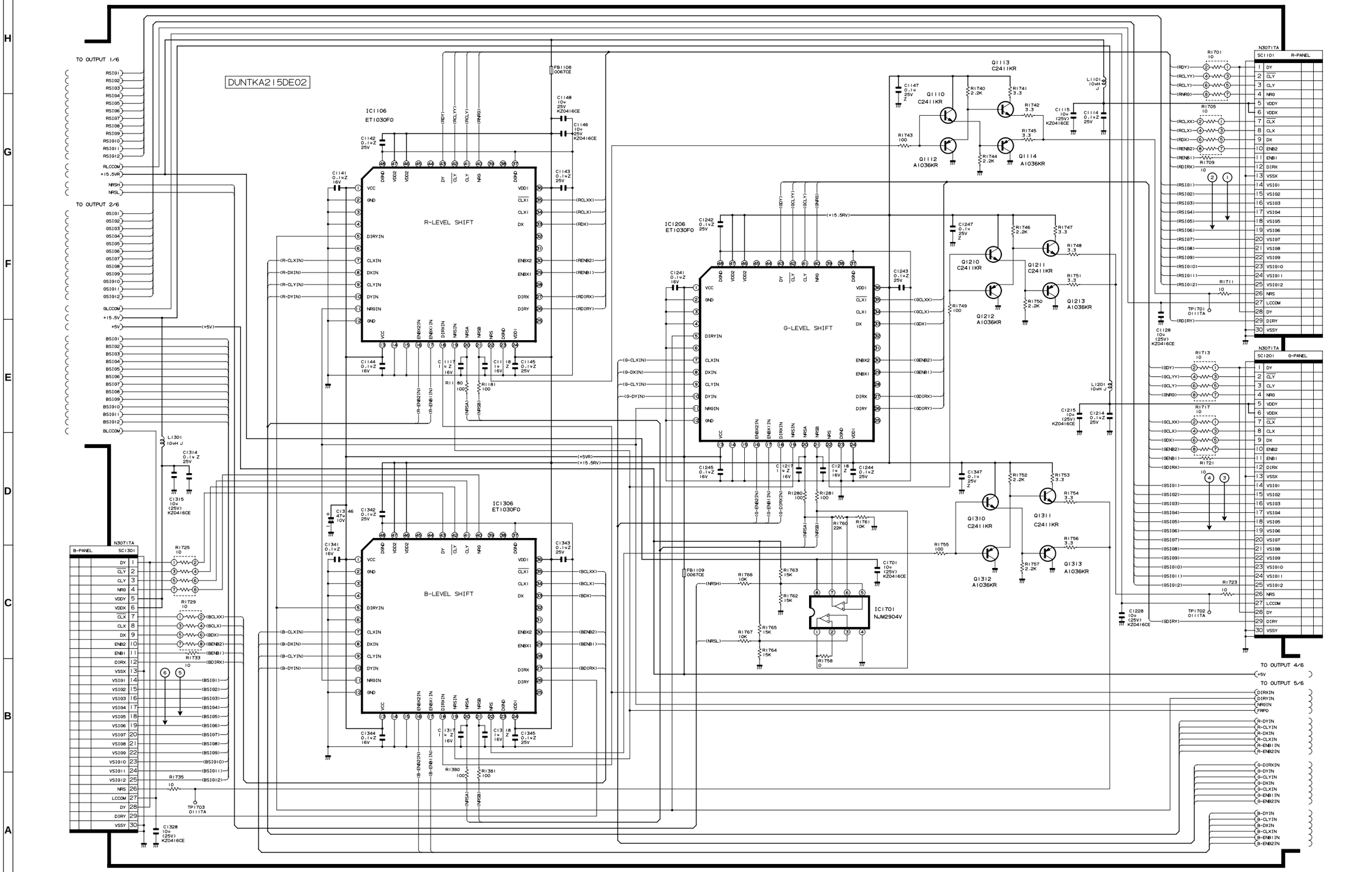
■ OUTPUT UNIT-1/6 / AUSGABEEINHEIT-1/6



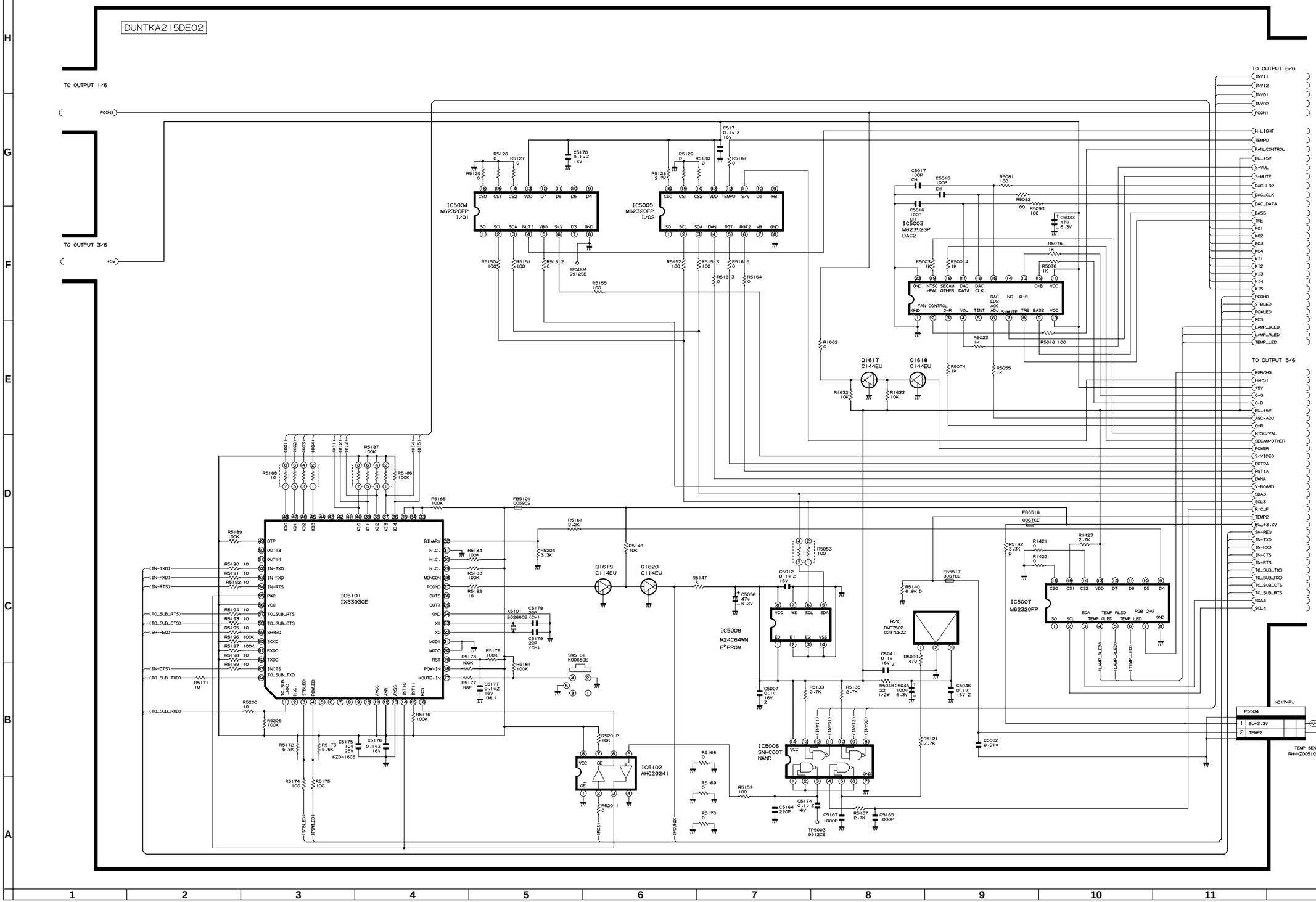
■ OUTPUT UNIT-2/6 / AUSGABEEINHEIT-2/6



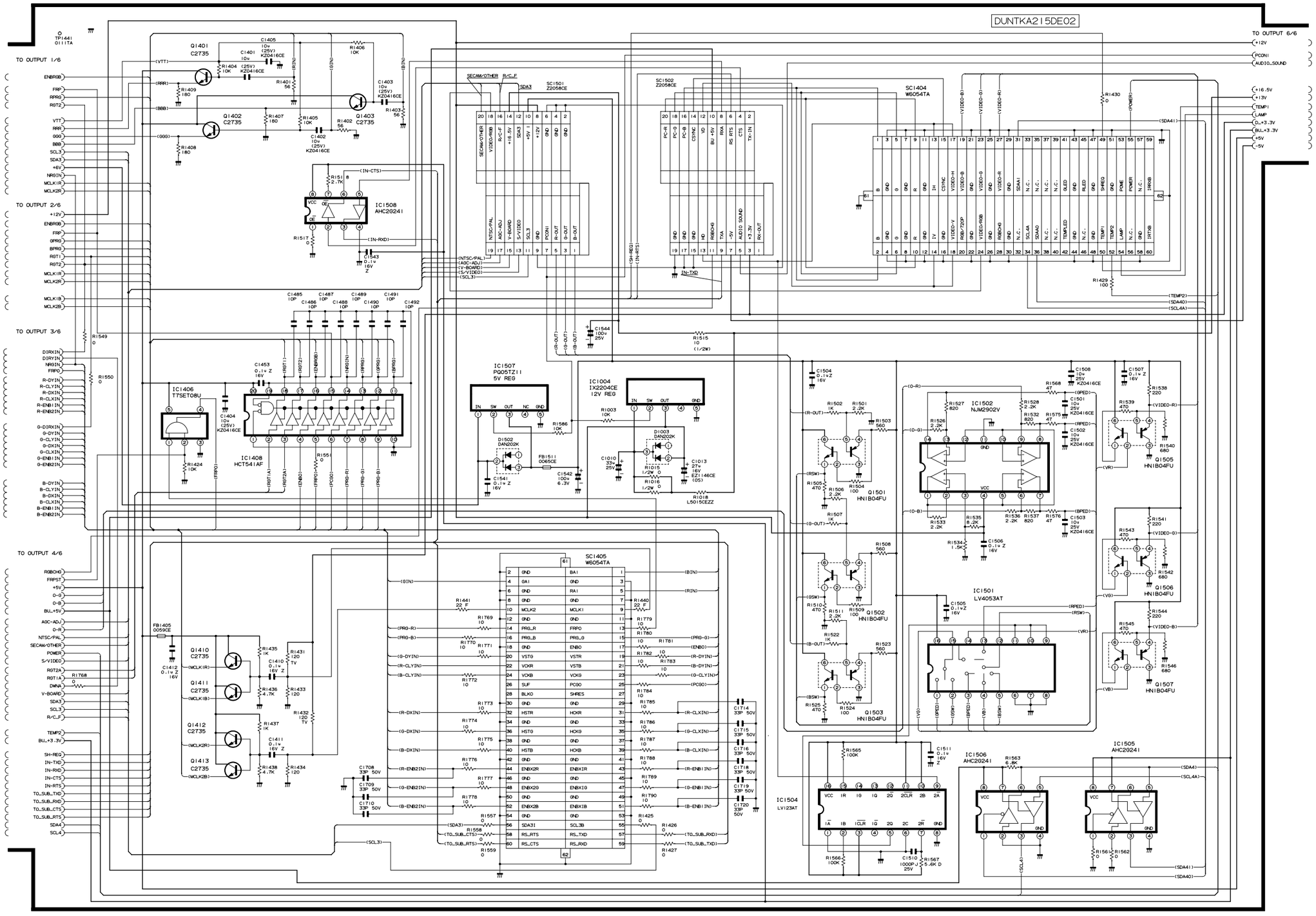
■ OUTPUT UNIT-3/6 / AUSGABEEINHEIT-3/6



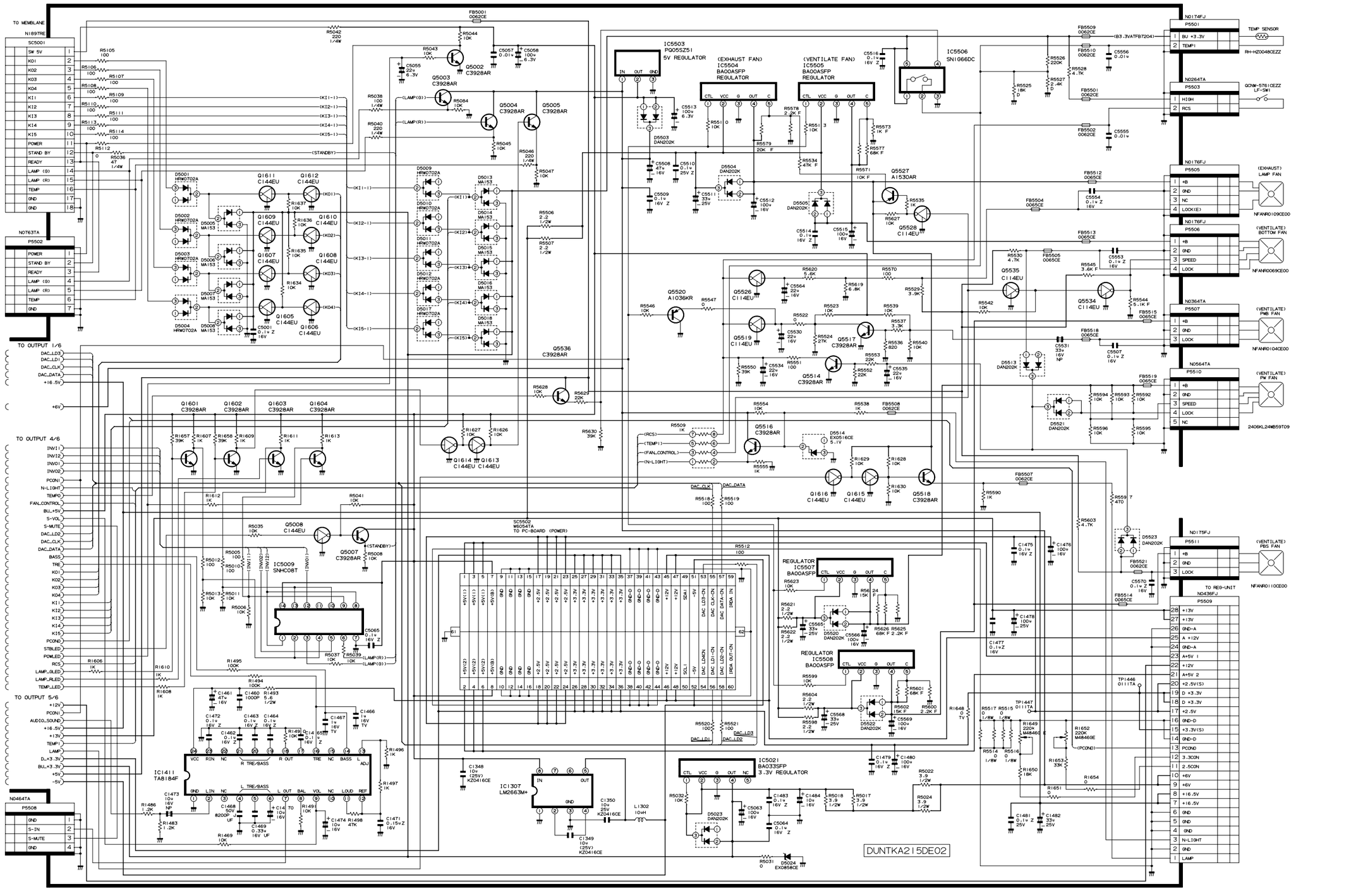
■ OUTPUT UNIT-4/6 / AUSGABEEINHEIT-4/6



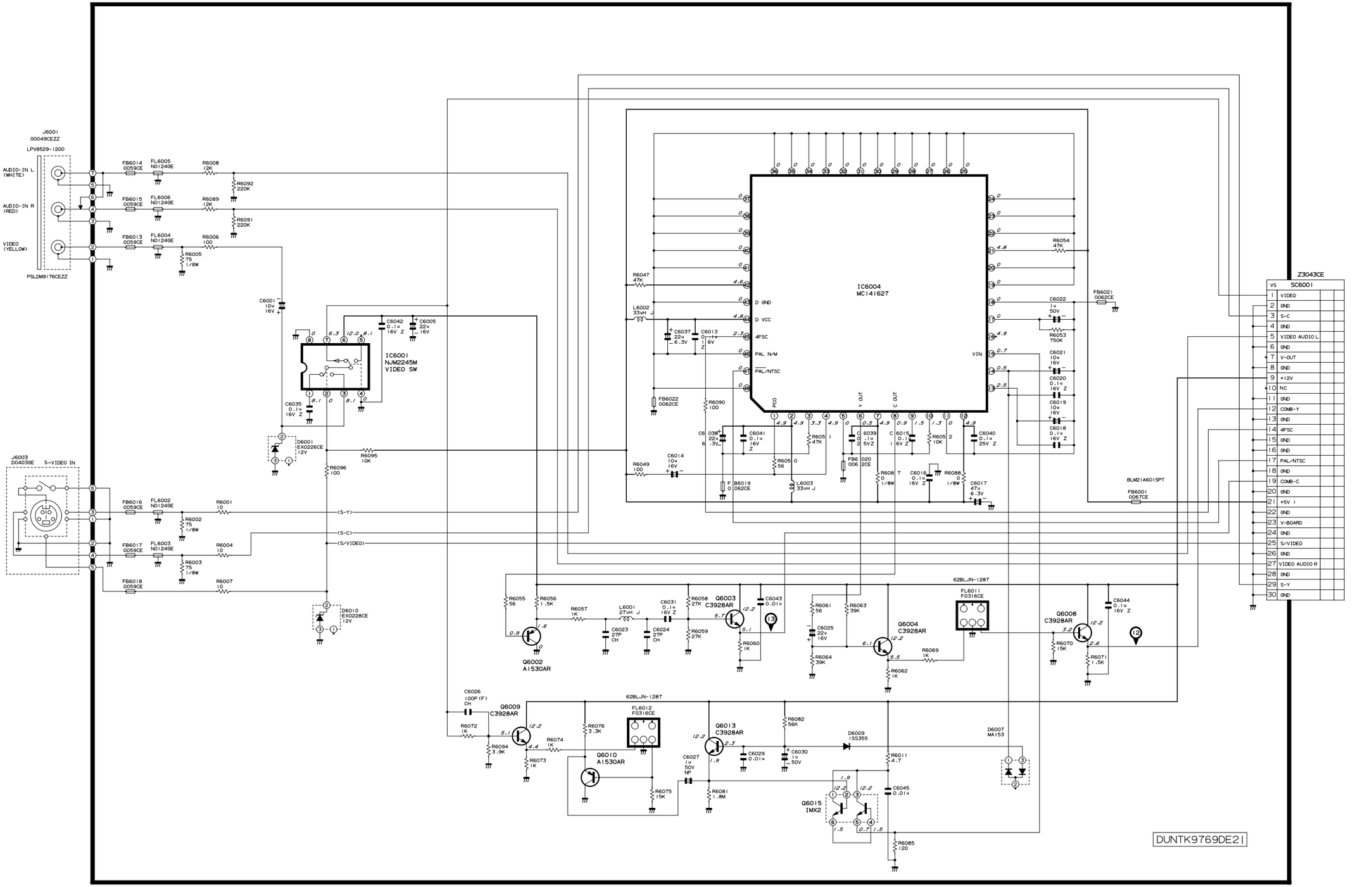
■ OUTPUT UNIT-5/6 / AUSGABEEINHEIT-5/6



■ OUTPUT UNIT-6/6 / AUSGABEEINHEIT-6/6



■ VIDEO UNIT / VIDEOEINHEIT



■ POWER and INLET UNIT / NETZ-und EINGANGSEINHEIT

(POWER)

RDENC0311CEZZ

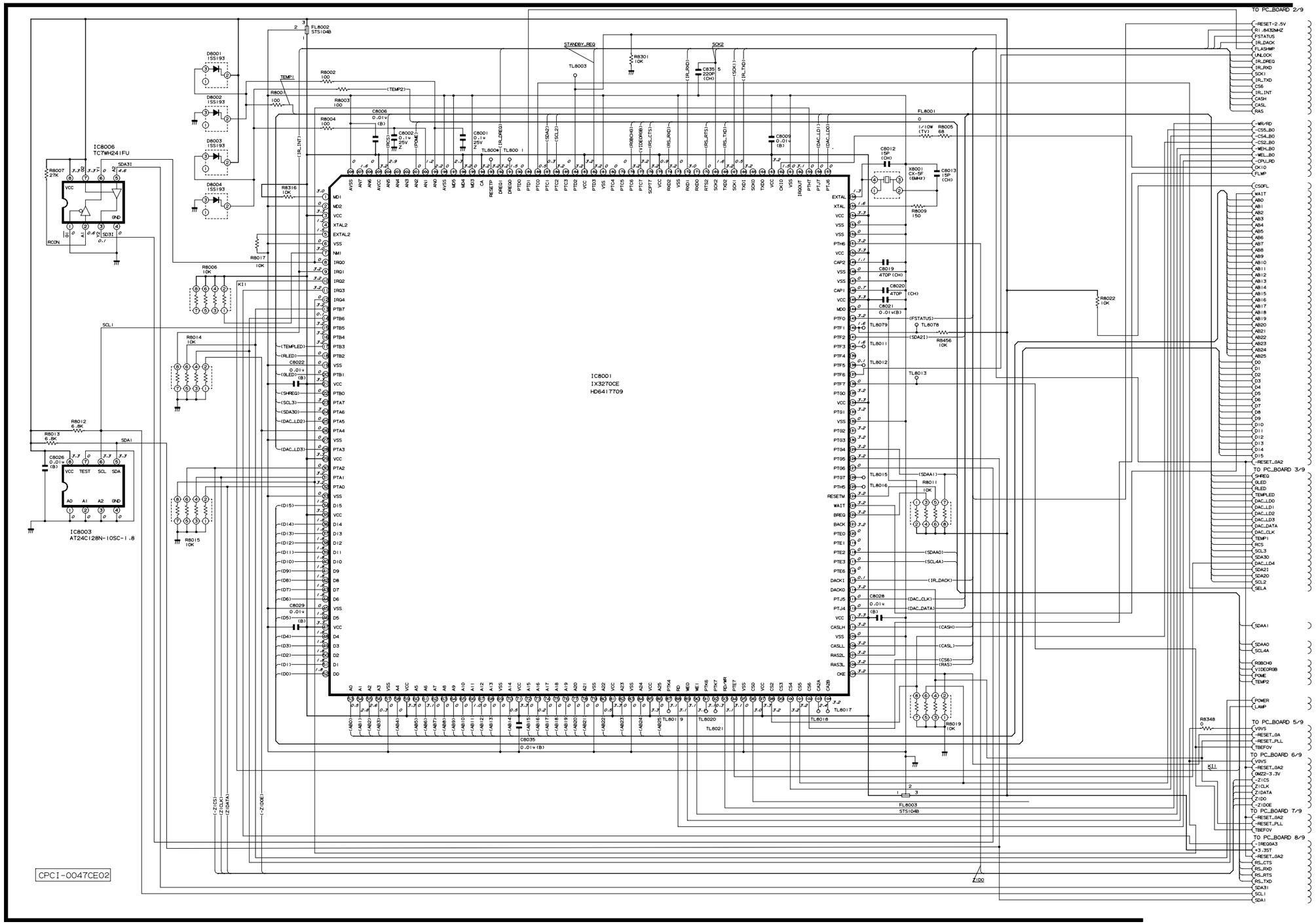
THIS AREA IS HOT SIDE

THIS AREA IS COLD SIDE

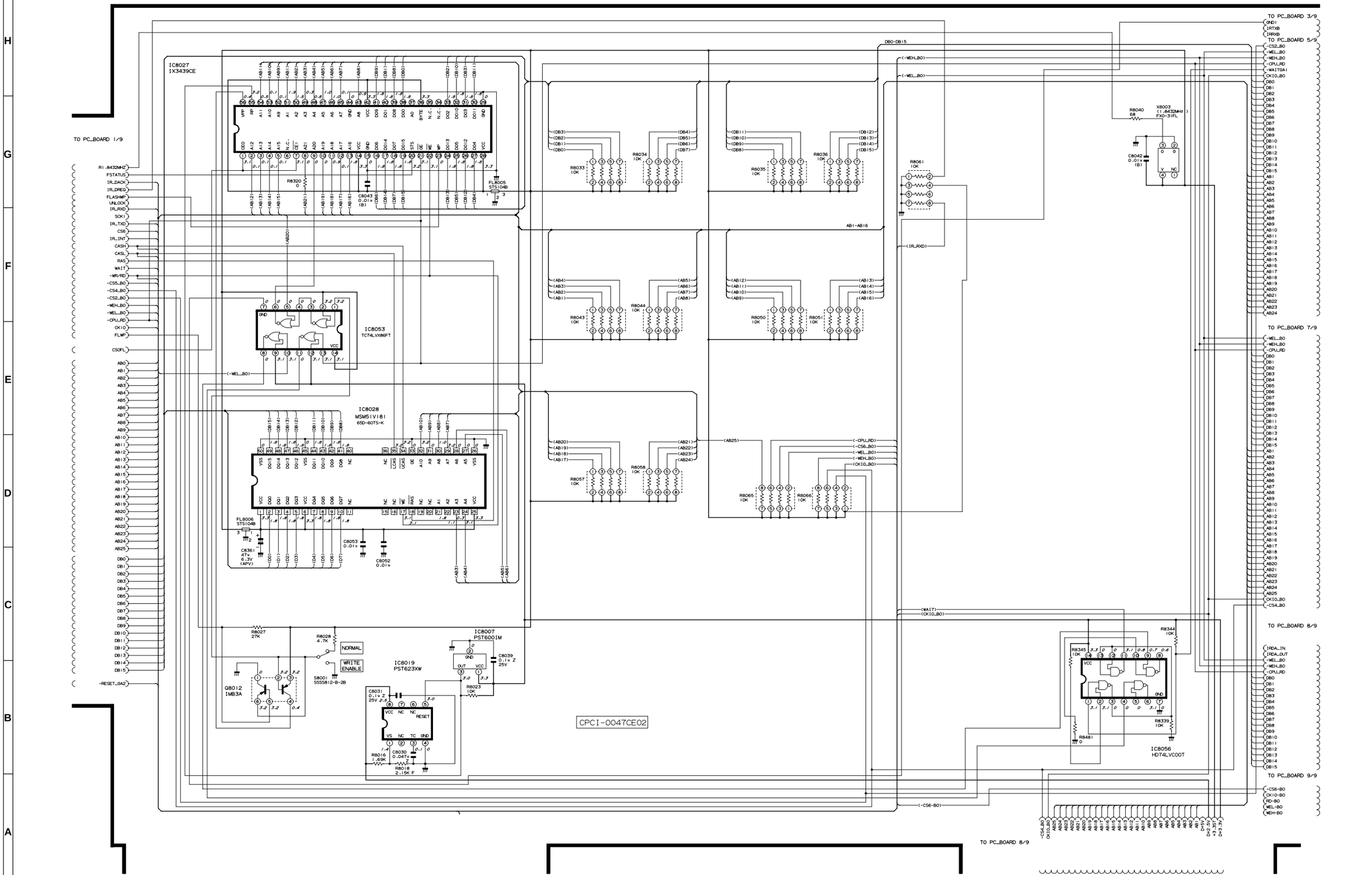
(INLET)

RUNTK0677CEZZ

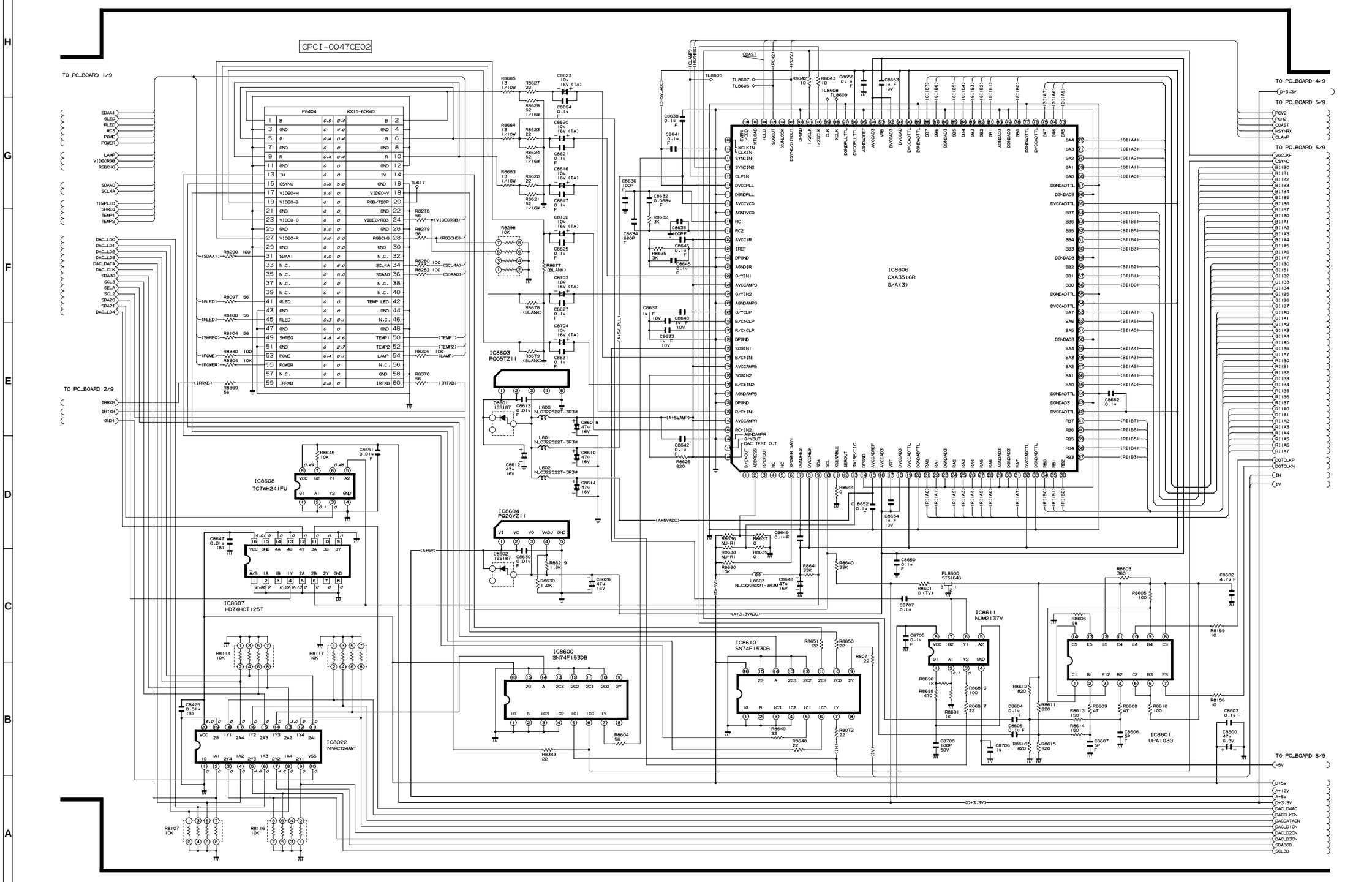
■ PC I/F UNIT-1/9 / PC-I/F EINHEIT-1/9



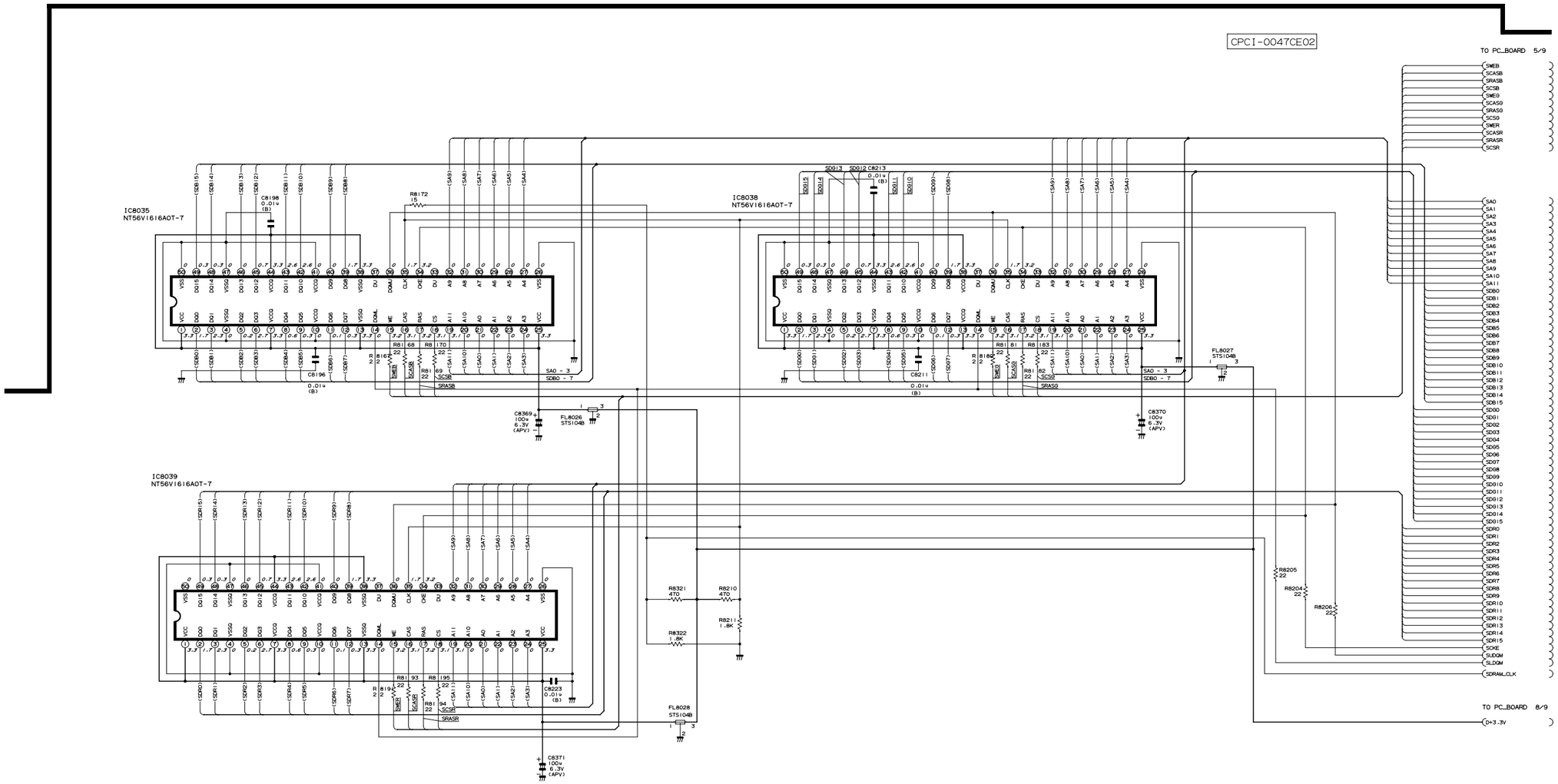
■ PC I/F UNIT-2/9 / PC-I/F EINHEIT-2/9



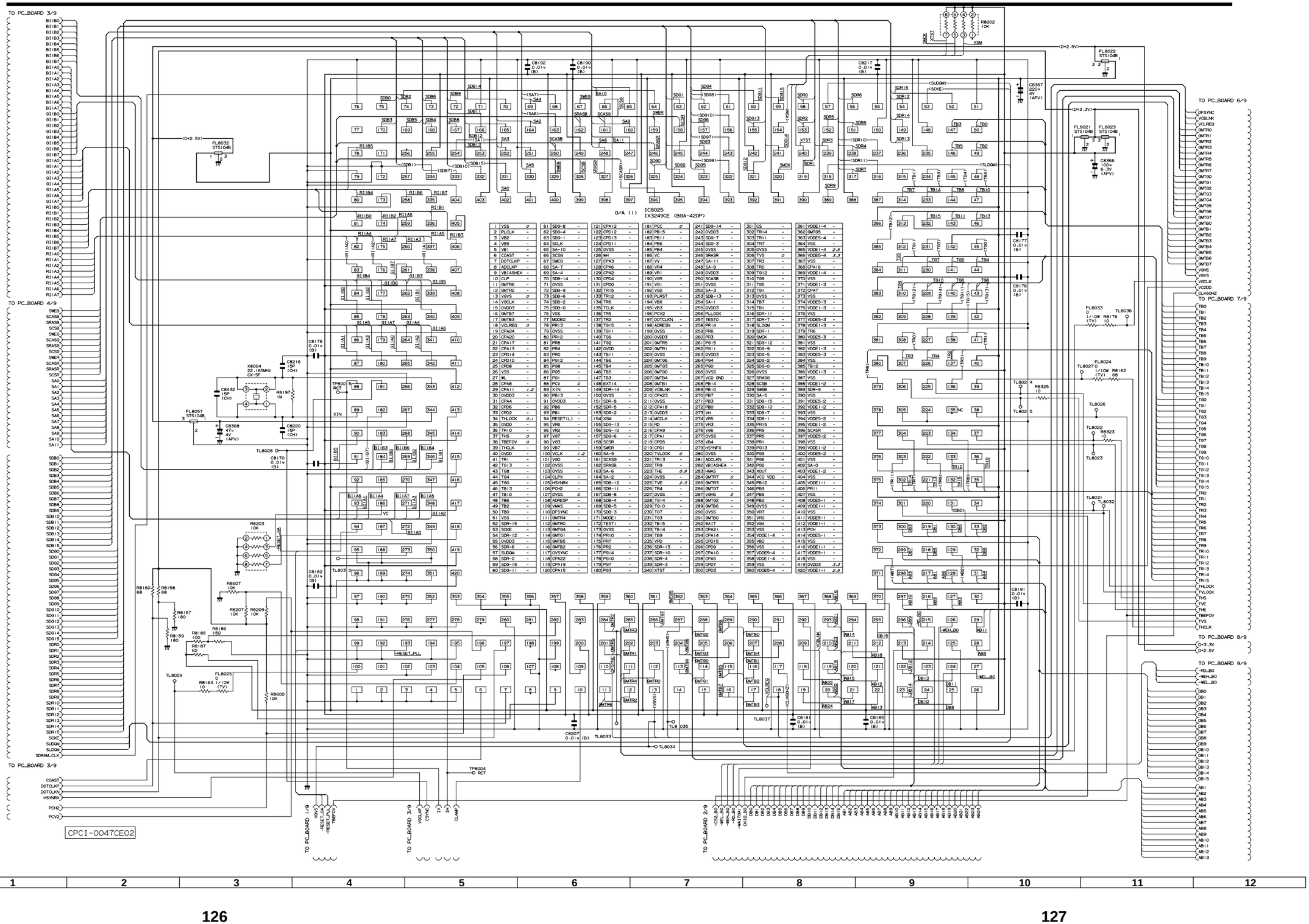
■ PC I/F UNIT-3/9 / PC-I/F EINHEIT-3/9



■ PC I/F UNIT-4/9 / PC-I/F EINHEIT-4/9



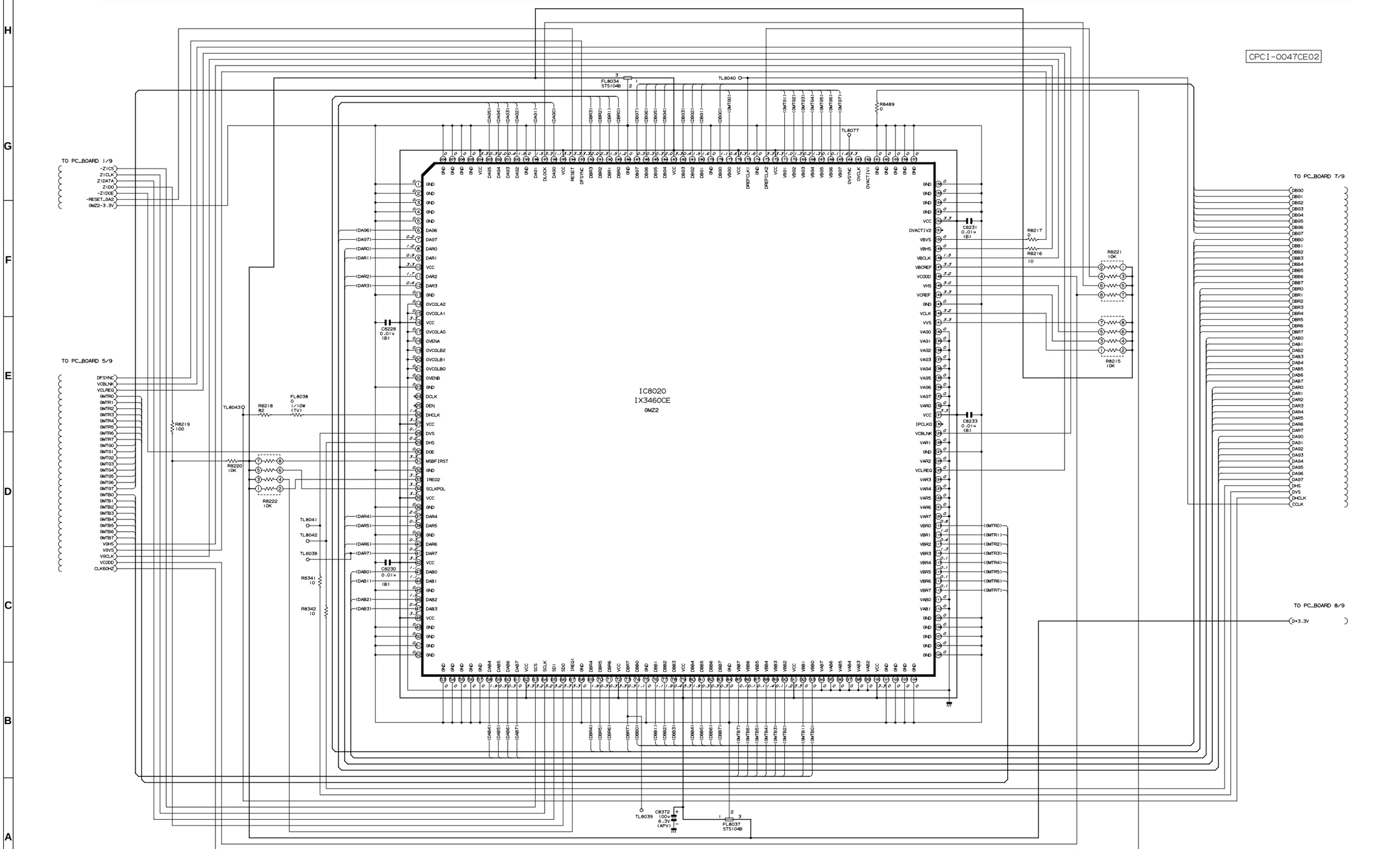
■ PC I/F UNIT-5/9 / PC-I/F EINHEIT-5/9



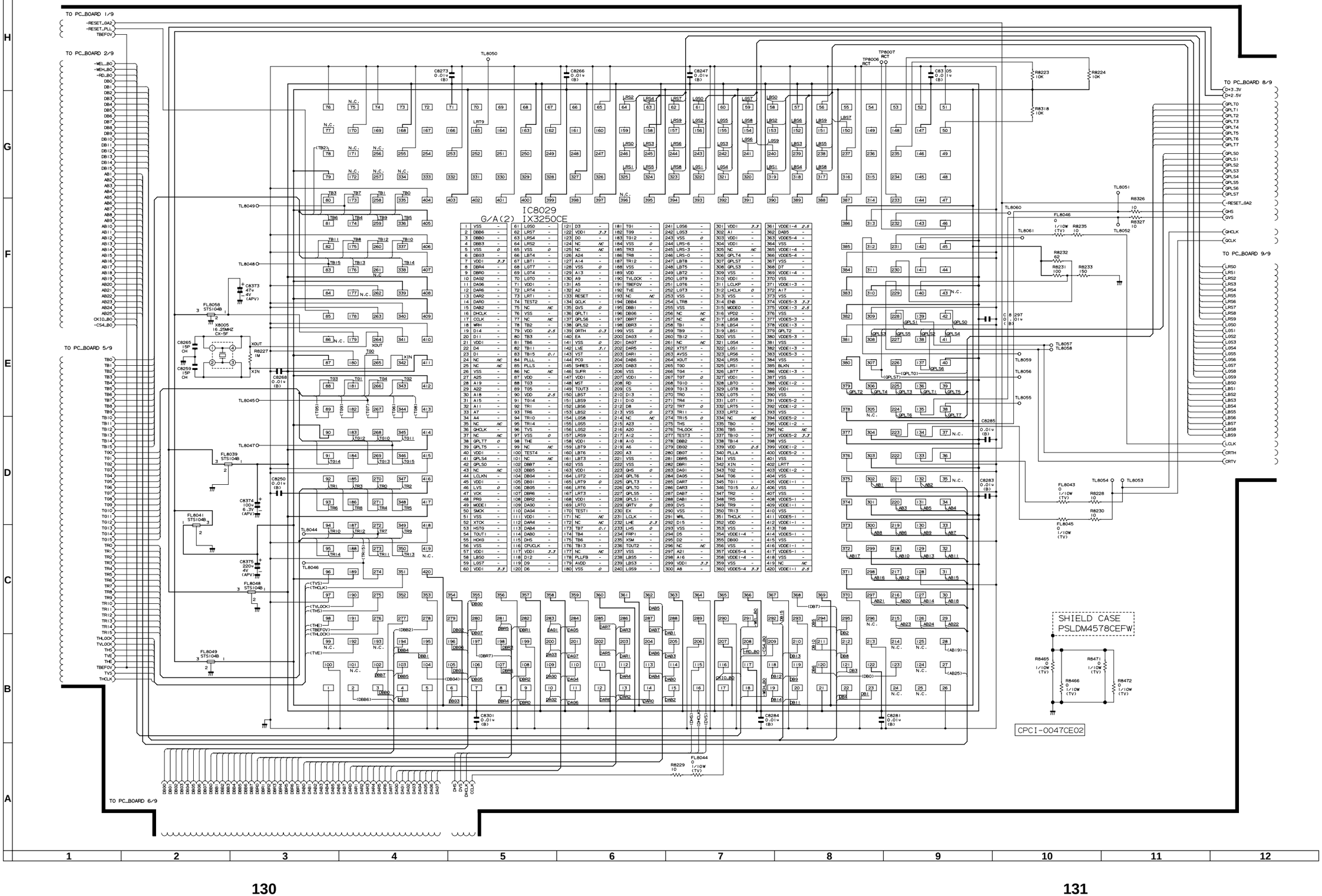
1	VSS	0	61	SD9-8	-	121	CPA12	-	181	PCC	0
2	PLCLK	-	62	SD6-4	-	122	CPD12	-	182	PB15	-
3	VB2	-	63	SD9-1	-	123	CPD13	-	183	PB11	-
4	VB5	-	64	SCLK	-	124	CPD11	-	184	PB6	-
5	VB1	-	65	SA-10	-	125	DVSS	-	185	PB4	-
6	COAST	-	66	SCS0	-	126	WH	-	186	VC	-
7	DOTCLKP	-	67	SWE0	-	127	CPA3	-	187	VV	-
8	ADCLKP	-	68	SA-7	-	128	CPA6	-	188	VR4	-
9	VBIASHEX	0	69	SA-4	-	129	CPA2	-	189	VR1	-
10	CLP	-	70	SDB-14	-	130	CPD4	-	190	V05	-
11	GMTR6	-	71	DVSS	-	131	CPD0	-	191	V01	-
12	GMTR2	-	72	SDB-9	-	132	TRI5	-	192	VG2	-
13	V0VS	0	73	SDB-6	-	133	TRI2	-	193	PLRST	-
14	VCLK	-	74	SDB-2	-	134	TR6	-	194	VB6	-
15	OVDD3	-	75	SDB-0	-	135	TCLK	-	195	VB3	-
16	GMTB7	-	76	VSS	-	136	TR5	-	196	PCV2	-
17	GMTB3	-	77	MODE0	-	137	TR2	-	197	DOTCLKN	-
18	VCLREG	0	78	PRI3	-	138	T015	-	198	ADRESN	-
19	CPA24	-	79	OVSS	-	139	T011	-	199	OVSS	-
20	CPA20	-	80	PRI2	-	140	T06	-	200	OVDD3	-
21	CPA17	-	81	PR8	-	141	T02	-	201	GMTR5	-
22	CPA13	-	82	PR4	-	142	OVDD	-	202	GMTR1	-
23	CPD14	-	83	PR0	-	143	TB11	-	203	OVSS	-
24	CPD10	-	84	P012	-	144	TB6	-	204	GMT06	-
25	CPD8	-	85	P08	-	145	TB4	-	205	GMT03	-
26	VSS	-	86	P05	-	146	TB5	-	206	GMT00	-
27	WL	-	87	P01	-	147	TB3	-	207	GMTB4	-
28	CPA8	-	88	PCV	0	148	EXT14	-	208	GMTB1	-
29	CPA11	1.2	89	XIN	-	149	SDR-14	-	209	VCBLNK	-
30	OVDD3	-	90	PB13	-	150	OVSS	-	210	CPA23	-
31	CPA4	-	91	OVDD3	-	151	SDR-8	-	211	OVSS	-
32	CPD6	-	92	PB6	-	152	SDR-5	-	212	CPA18	-
33	CPD2	-	93	PB1	-	153	SDR-2	-	213	OVDD3	-
34	THLOCK	0.1	94	RESET(L)	-	154	XSM	-	214	MCCLK	-
35	OVDD	-	95	VR6	-	155	SD0-13	-	215	RD	-
36	TRI0	-	96	VR2	-	156	SD0-10	-	216	CPA9	-
37	THS	0	97	V07	-	157	SD0-6	-	217	CPA1	-
38	TBEFOV	0	98	V03	-	158	SCSR	-	218	CPD5	-
39	THCLK	-	99	VB7	-	159	SWER	-	219	CPD1	-
40	OVDD	-	100	VCLK	1.2	160	SA-9	-	220	TVLOCK	0
41	TRI	-	101	V00	-	161	SCAS0	-	221	TRI3	-
42	T013	-	102	OVSS	-	162	SRASB	-	222	TR9	-
43	T08	-	103	OVSS	-	163	SA-6	-	223	THE	0.9
44	T04	-	104	CLPX	-	164	SA-2	-	224	OVSS	-
45	T00	-	105	HSYNRX	-	165	SDB-12	-	225	TVE	2.7
46	TB13	-	106	PCH2	-	166	SDB-11	-	226	TR4	-
47	TB10	-	107	OVSS	0	167	SDB-8	-	227	OVSS	-
48	TB6	-	108	ADRESP	-	168	SDB-4	-	228	T014	-
49	TB2	-	109	VMAS	-	169	SDB-5	-	229	T010	-
50	TB0	-	110	DFSYNC	-	170	SDB-3	-	230	T07	-
51	VSS	-	111	GMTR4	-	171	MODE1	-	231	T03	-
52	SDR-15	-	112	GMTR0	-	172	TEST1	-	232	TB15	-
53	SCKE	-	113	GMT04	-	173	OVSS	-	233	TB14	-
54	SDR-12	-	114	GMT01	-	174	PR10	-	234	TB9	-
55	OVDD3	-	115	GMTB5	-	175	PR7	-	235	VPD	-
56	SDR-6	-	116	GMTB2	-	176	PR2	-	236	SDR-13	-
57	SLDQM	-	117	OVSYNC	-	177	P014	-	237	SDR-10	-
58	SDR-0	-	118	CPA22	-	178	P010	-	238	SDR-4	-
59	SD0-15	-	119	CPA19	-	179	P07	-	239	SDR-3	-
60	SD0-11	-	120	CPA15	-	180	P03	-	240	XTST	-

241	SD0-14	-	301	CS	-	361	VDDE1-4	-			
242	OVDD3	-	302	TRI4	-	362	GMT05	-			
243	SD0-7	-	303	TRI1	-	363	VDDE5-4	-			
244	SD0-3	-	304	TRI7	-	364	VSS	-			
245	OVSS	-	305	OVSS	-	365	VDDE1-4	2.6			
246	SRASR	-	306	TVS	0	366	VDDE5-4	3.3			
247	SA-11	-	307	TR3	-	367	VSS	-			
248	SA-8	-	308	TR0	-	368	CPA16	-			
249	OVDD3	-	309	T012	-	369	VDDE1-4	-			
250	SCASB	-	310	T09	-	370	VSS	-			
251	OVSS	-	311	T05	-	371	VDDE1-3	-			
252	SA-3	-	312	T01	-	372	CPA7	-			
253	SDB-13	-	313	OVSS	-	373	VSS	-			
254	SA-1	-	314	TB7	-	374	VDDE5-3	-			
255	OVDD3	-	315	TB1	-	375	VDDE1-3	-			
256	PLLOCK	-	316	SDR-11	-	376	VSS	-			
257	TESTO	-	317	SDR-7	-	377	VDDE5-3	-			
258	PR14	-	318	SLDQM	-	378	VDDE1-3	-			
259	PR6	-	319	SDR-1	-	379	TR6	-			
260	PR3	-	320	SMCK	-	380	VDDE5-3	-			
261	P015	-	321	SD0-12	-	381	VSS	-			
262	P011	-	322	SD0-9	-	382	VDDE1-3	-			
263	OVDD3	-	323	SD0-5	-	383	VDDE5-3	-			
264	P04	-	324	SD0-2	-	384	VSS	-			
265	P00	-	325	SD0-0	-	385	TB12	-			
266	OVSS	-	326	OVSS	-	386	VDDE1-3	-			
267	VCO GND	-	327	SRAS0	-	387	VSS	-			
268	PB14	-	328	SCSB	-	388	VDDE1-2	-			
269	PB10	-	329	SWEB	-	389	SDR-9	-			
270	PB7	-	330	SA-5	-	390	VSS	-			
271	PB3	-	331	SDB-15	-	391	VDDE5-2	-			
272	PB0	-	332	SDB-10	-	392	VDDE1-2	-			
273	VH	-	333	SDB-7	-	393	VSS	-			
274	VR5	-	334	SDB-1	-	394	VDDE5-2	-			
275	VR3	-	335	PR15	-	395	VDDE1-2	-			
276	V06	-	336	PR9	-	396	SCASR	-			
277	OVSS	-	337	PR5	-	397	VDDE5-2	-			
278	VB4	-	338	PR1	-	398	VSS	-			
279	HSYNFX	-	339	P013	-	399	VDDE1-2	-			
280	OVSS	-	340	P09	-	400	VDDE5-2	-			
281	ADCLKN	-	341	P06	-	401	VSS	-			
282	VBIASHEA	-	342	P02	-	402	SA-0	-			
283	HMAS	-	343	XOUT	-	403	VDDE1-2	-			
284	GMTR7	0	344	VCO VDD	-	404	VSS	-			
285	GMTR3	-	345	PB12	-	405	VDDE1-1	-			
286	GMT07	-	346	PB9	-	406	PR11	-			
287	V0H5	0	347	PB5	-	407	VSS	-			
288	GMT02	-	348	PB2	-	408	VDDE5-1	-			
289	GMTB6	-	349	OVSS	-	409	VDDE1-1	-			
290	OVSS	-	350	VR7	-	410	VSS	-			
291	GMTB0	-	351	VR0	-	411	VDDE5-1	-			
292	WAIT	-	352	V04	-	412	VDDE1-1	-			
293	CPA21	-	353	VG5	-	413	PCH	-			
294	CPA14	-	354	VDDE1-4	-	414	VDDE5-1	-			
295	CPD15	-	355	VBD	-	415	VSS	-			
296	CPD9	-	356	VSS	-	416	VDDE1-1	-			
297	CPA10	-	357	VDDE5-4	-	417	VDDE5-1	-			
298	CPA5	-	358	VDDE1-4	-	418	VSS	-			
299	CPD7	-	359	VSS	-	419	OVDD3	3.3			
300	CPD3	-	360	VDDE5-4	-	420	VDDE1-1	2.6			

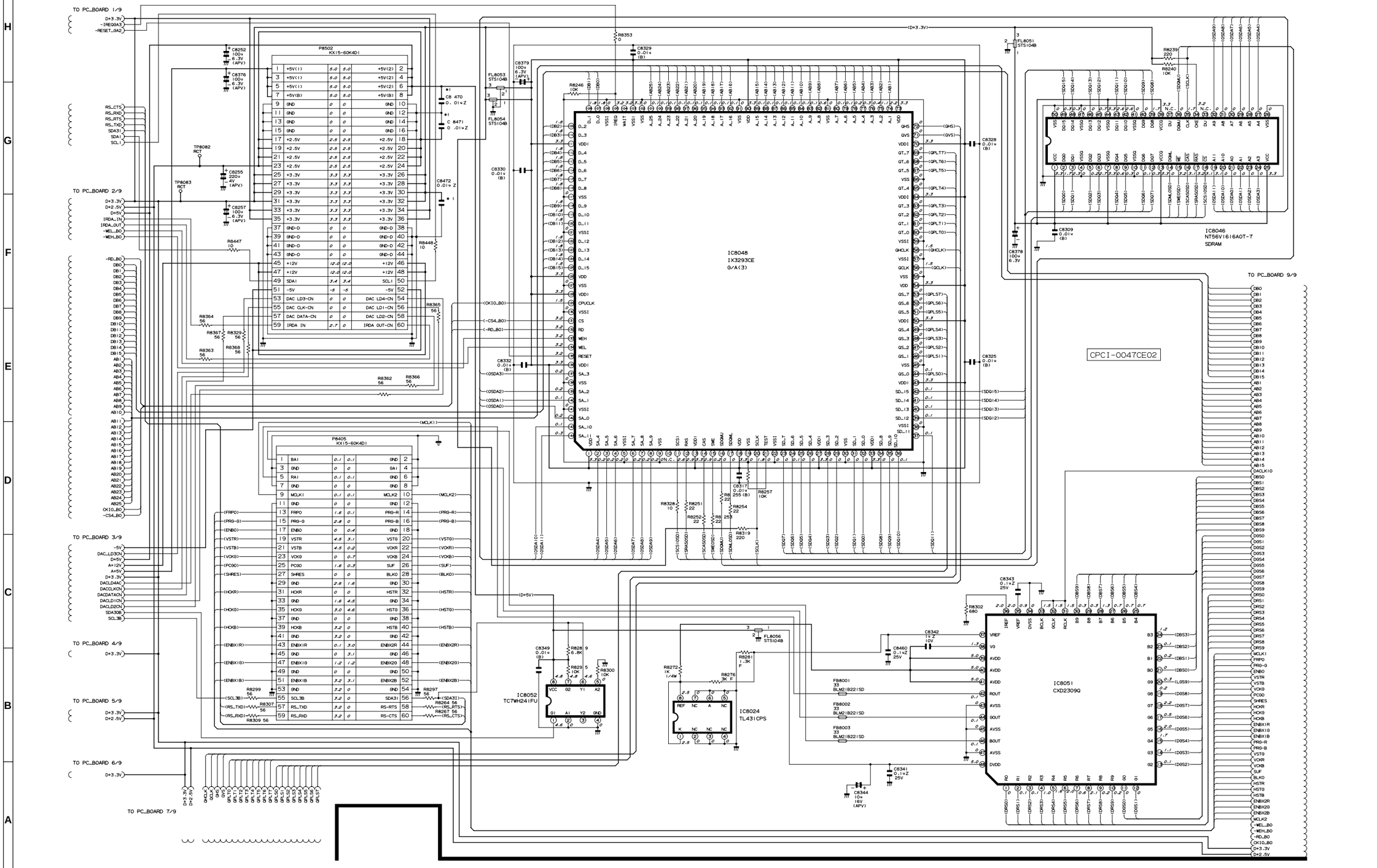
■ PC I/F UNIT-6/9 / PC-I/F EINHEIT-6/9



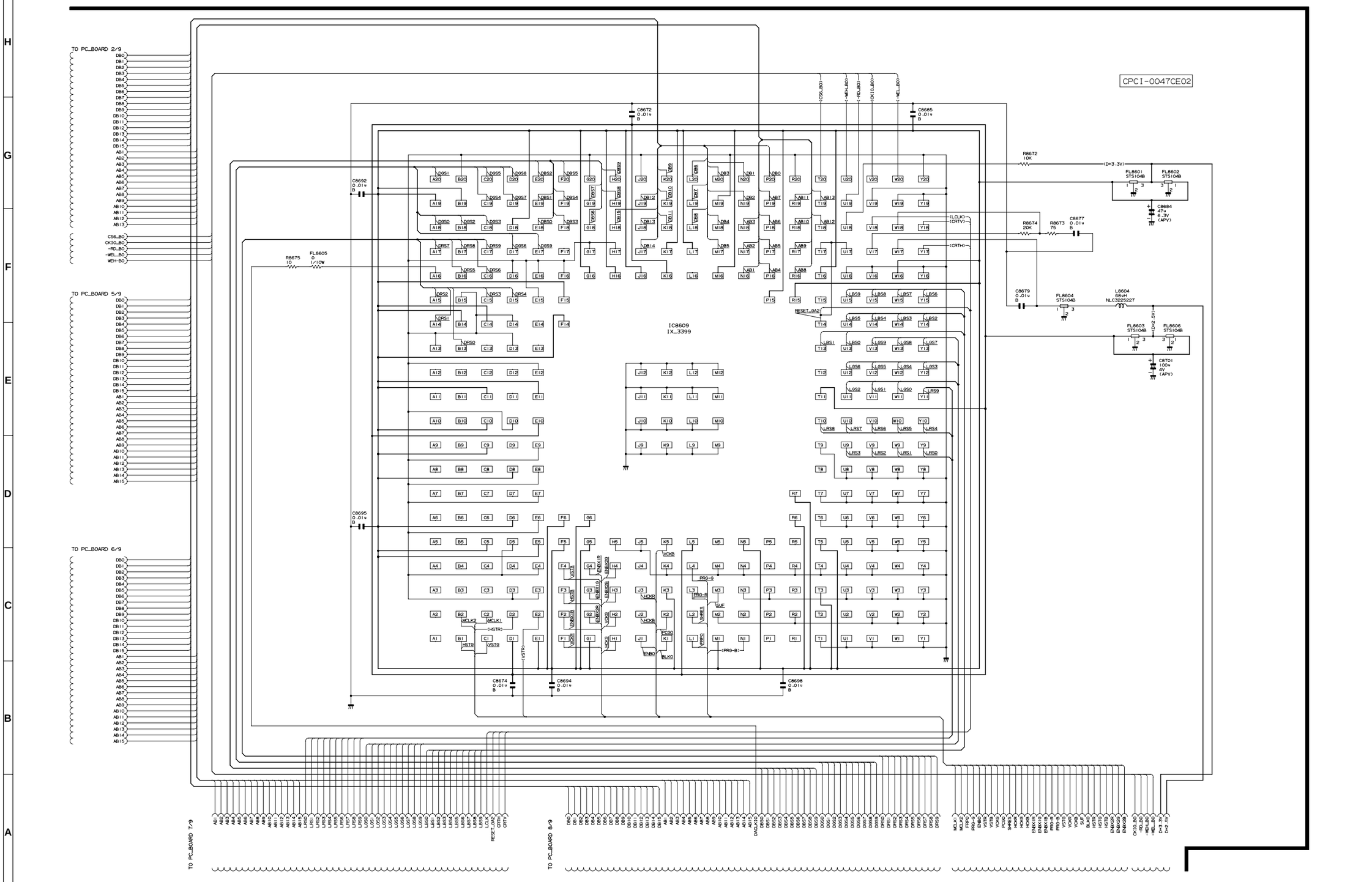
■ PC I/F UNIT-7/9 / PC-I/F EINHEIT-7/9



■ PC I/F UNIT-8/9 / PC-I/F EINHEIT-8/9



■ PC I/F UNIT-9/9 / PC-I/F EINHEIT-9/9


CPCI-0047CE02
TO PC_BOARD 2/9
TO PC_BOARD 5/9
TO PC_BOARD 6/9
TO PC_BOARD 7/9
TO PC_BOARD 8/9
IC8609
IX...3399
C8672 0.01u B
C8685 0.01u B
C8692 0.01u B
C8695 0.01u B
C8674 0.01u B
C8694 0.01u B
C8698 0.01u B
R8672 10K
R8674 20K
R8673 75
C8677 0.01u B
C8679 0.01u B
C8684 47u 6.3V (APV)
C8701 100u 4V (APV)
R8675 10 1/10W
FL8605 0
FL8601 STS104B
FL8602 STS104B
FL8603 STS104B
FL8604 STS104B
FL8606 STS104B
L8604 68uH NLC322522T
(D+3.3V)
(D+2.5V)
(CLK)
(CRTV)
(CRTH)
(HSTR)
(VSTR)
(PRG-B)
RESET_0A2
MCLK2
MCLK1
HSTO
VSTO
VCKR
VCKG
VCKB
HCKR
HCKB
VCKR
ENBO
BLKO
PRG-R
PRG-B
SHE
VCKB
ENBKR
ENBKG
ENBKB
ENBKLR
ENBKUD
VCKT
VCKM
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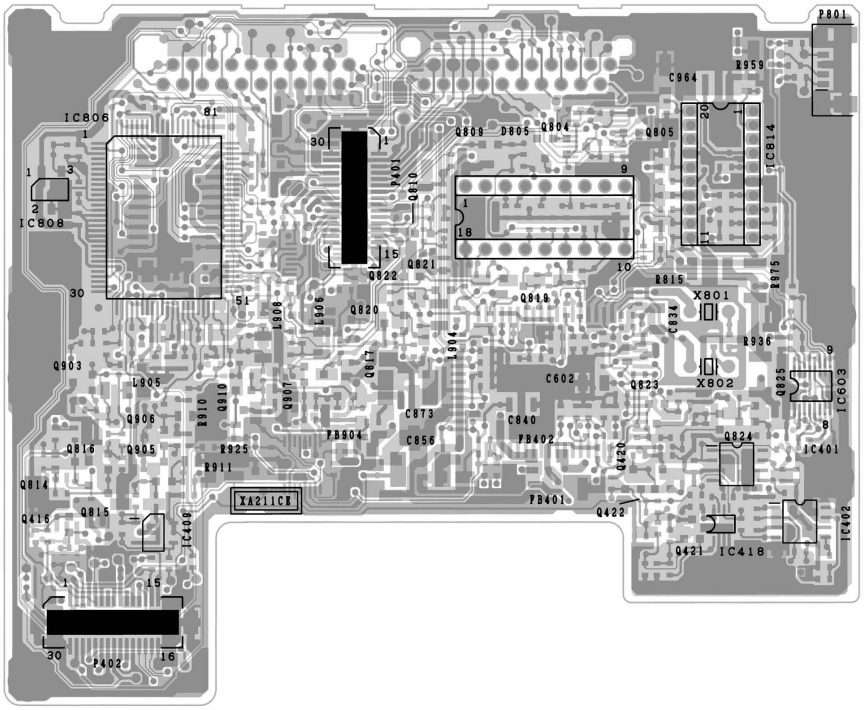
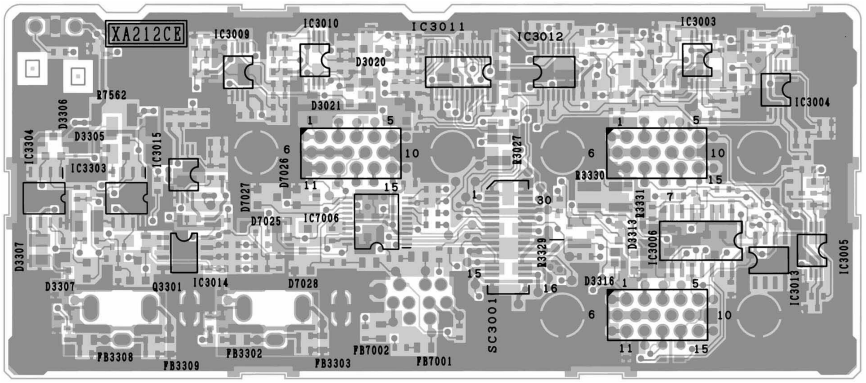
HCKR

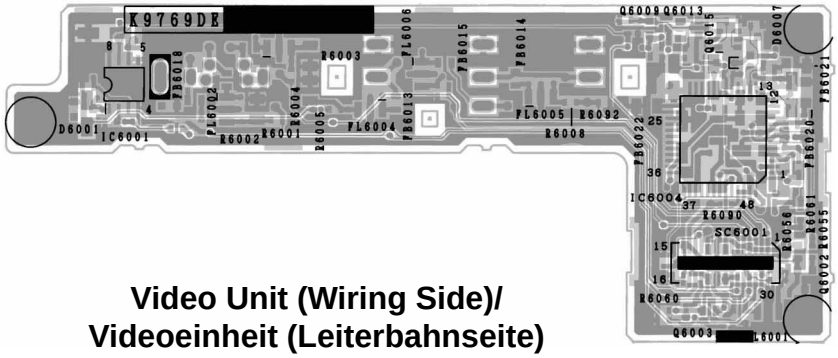
PRINTED WIRING BOARD ASSEMBLIES/ LEITERPLATTENEINHEITEN



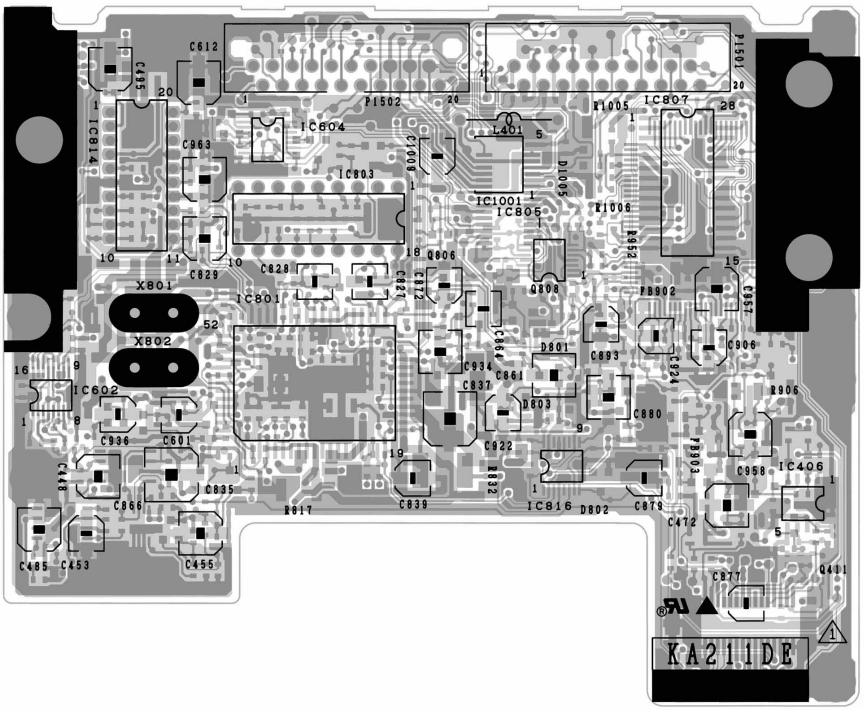
Signal Unit (Wiring Side)/
Signaleinheit (Leiterbahnseite)



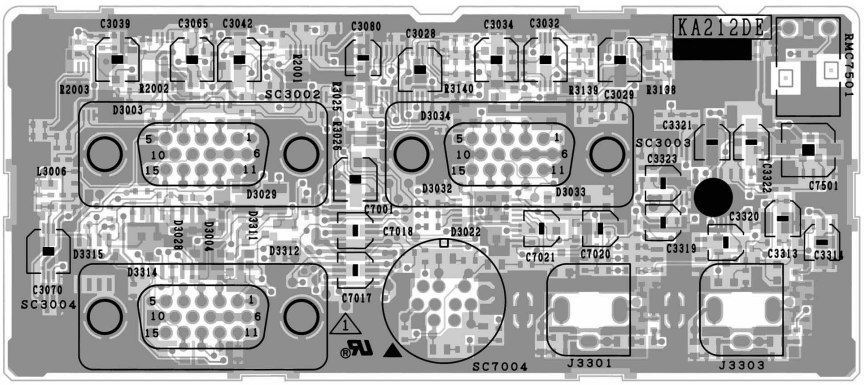
PC Terminal Unit (Wiring Side)/
PC-Anschlußeinheit (Leiterbahnseite)



Video Unit (Wiring Side)/
Videoeinheit (Leiterbahnseite)

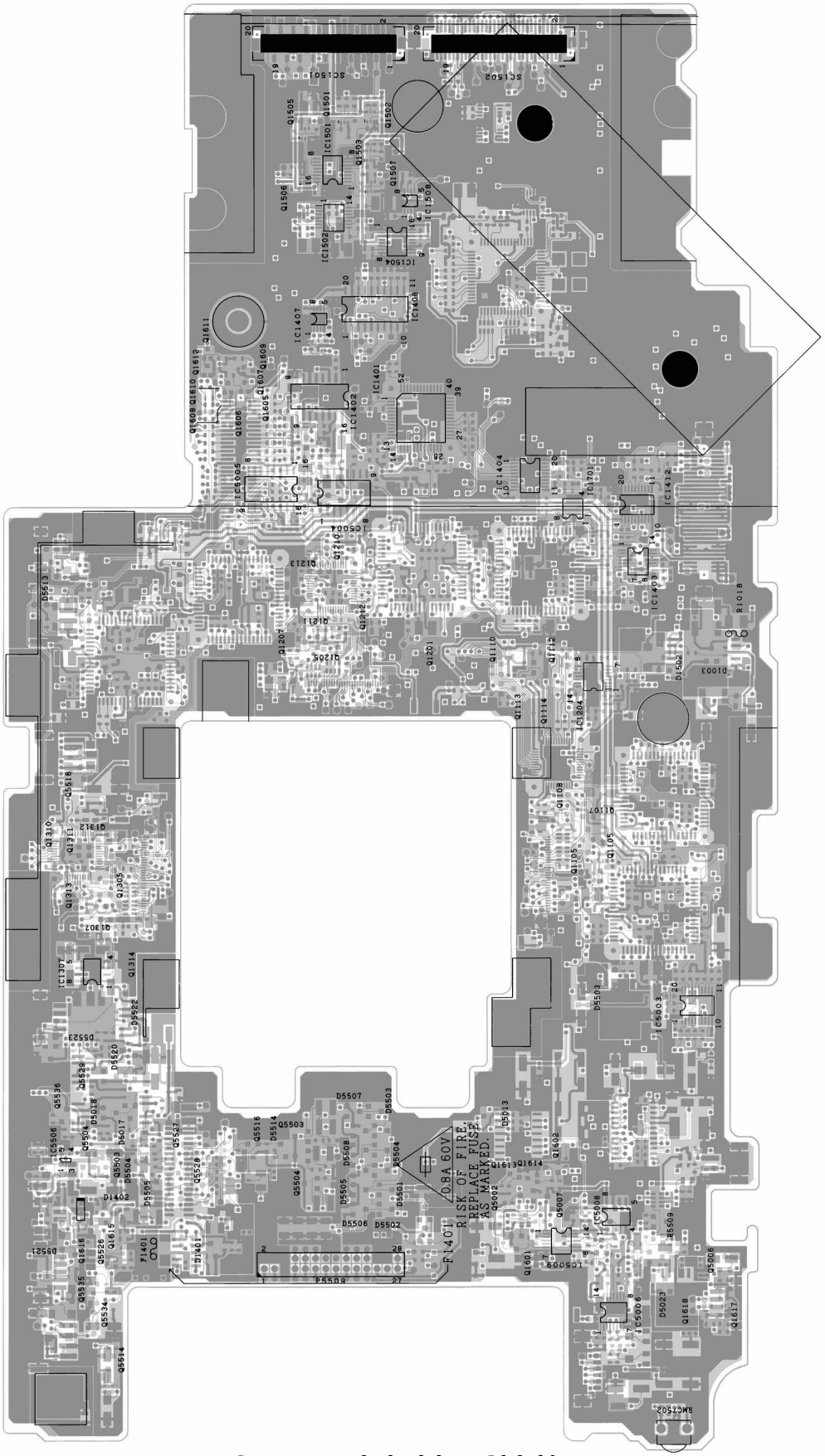


Signal Unit (Component Side)/
Signaleinheit (Bestückungsseite)

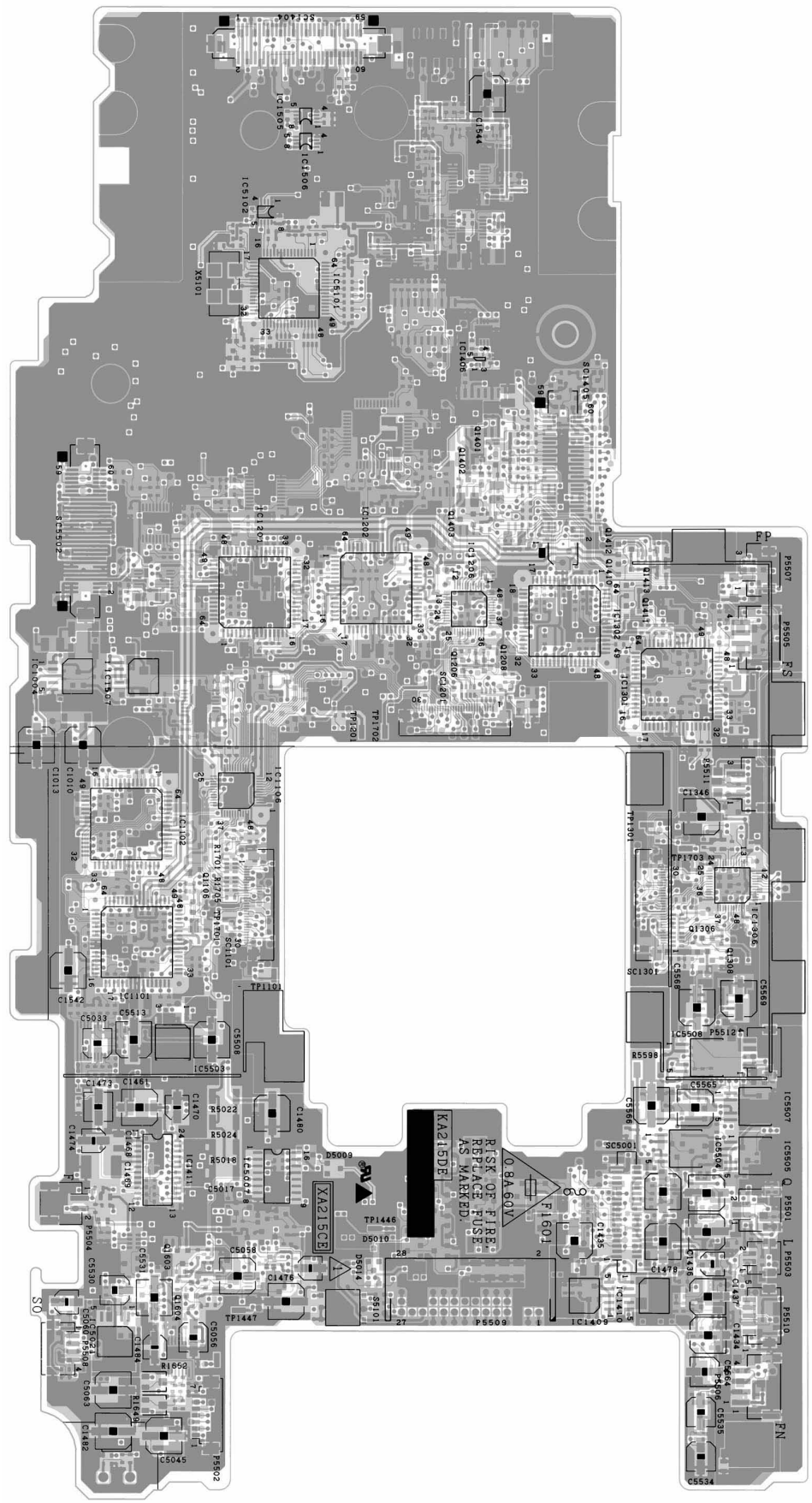


PC Terminal Unit (Component Side)/
PC-Anschlußeinheit (Bestückungsseite)

Video Unit (Component Side)/
Videoeinheit (Bestückungsseite)



Output Unit (Wiring Side)/
Ausgabeeinheit (Leiterbahnseite)


KA215DE
RISK OF FIRE
REPLACE FUSE
AS MARKED.
0.8A 60V
F1601
XA215CE
TP1446
TP1447
P5509
P5502
IC1410
IC1409
IC1306
IC1101
IC1102
IC1107
IC1104
IC1106
IC1201
IC1202
IC1208
IC1210
IC1211
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IC1213
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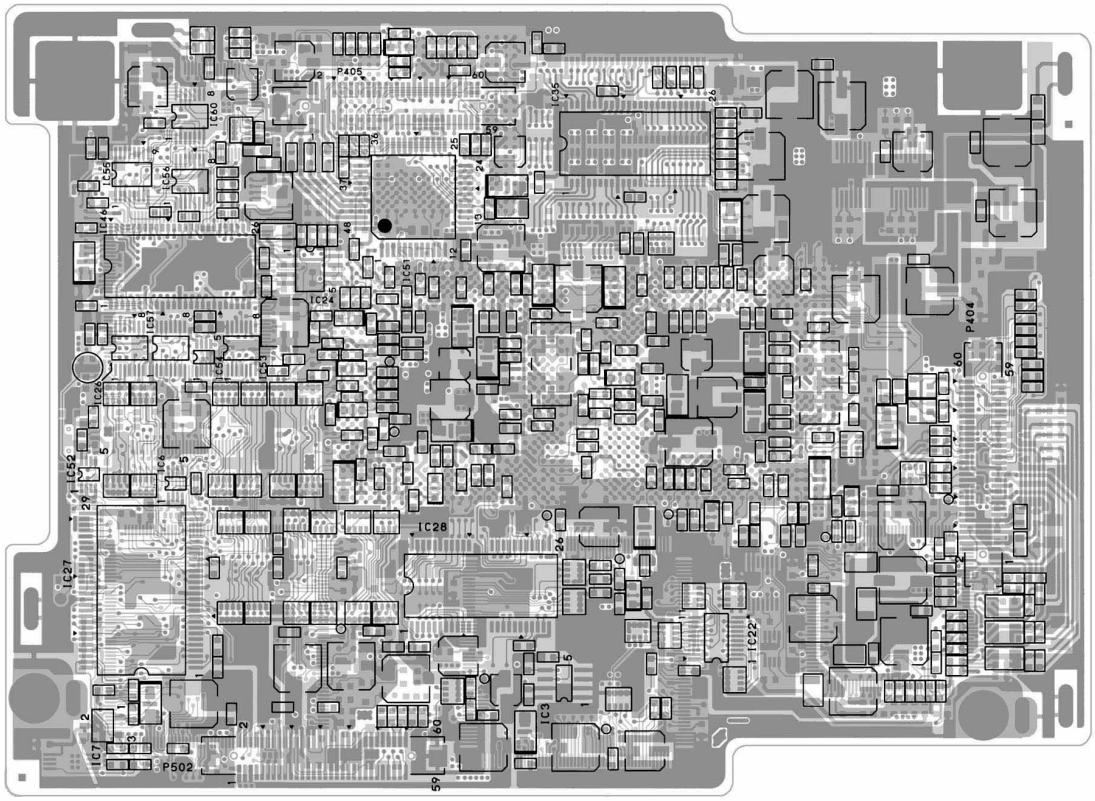
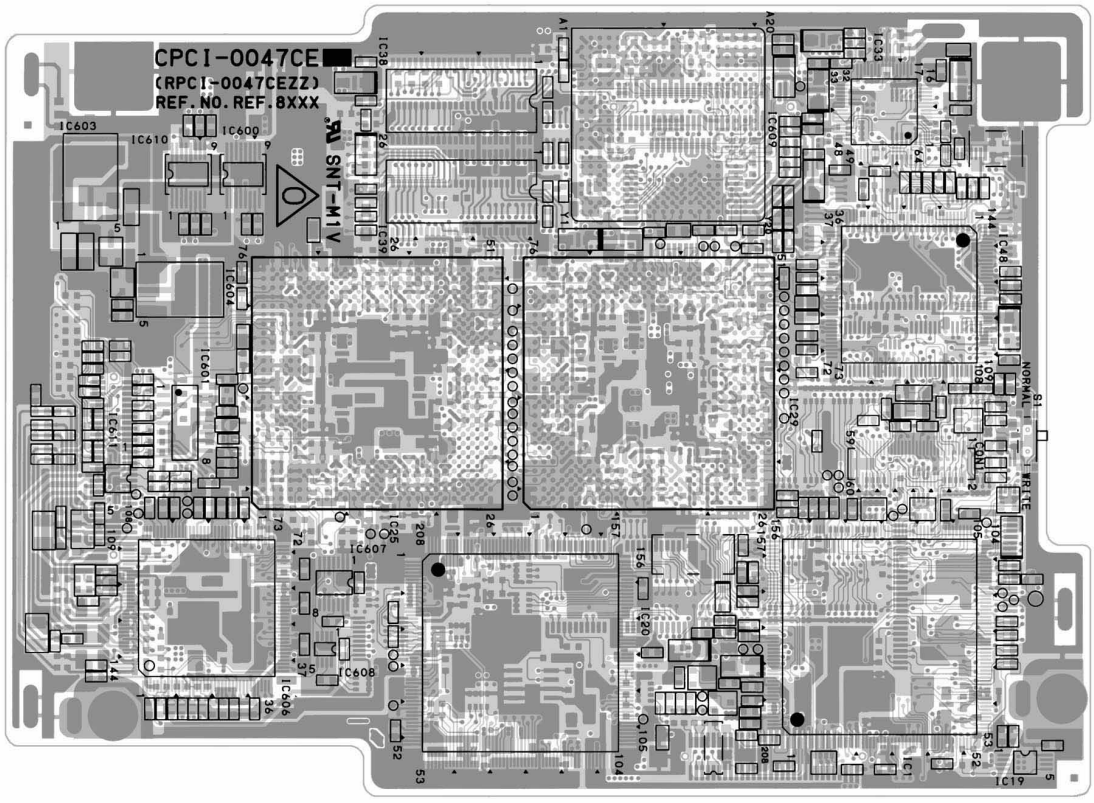
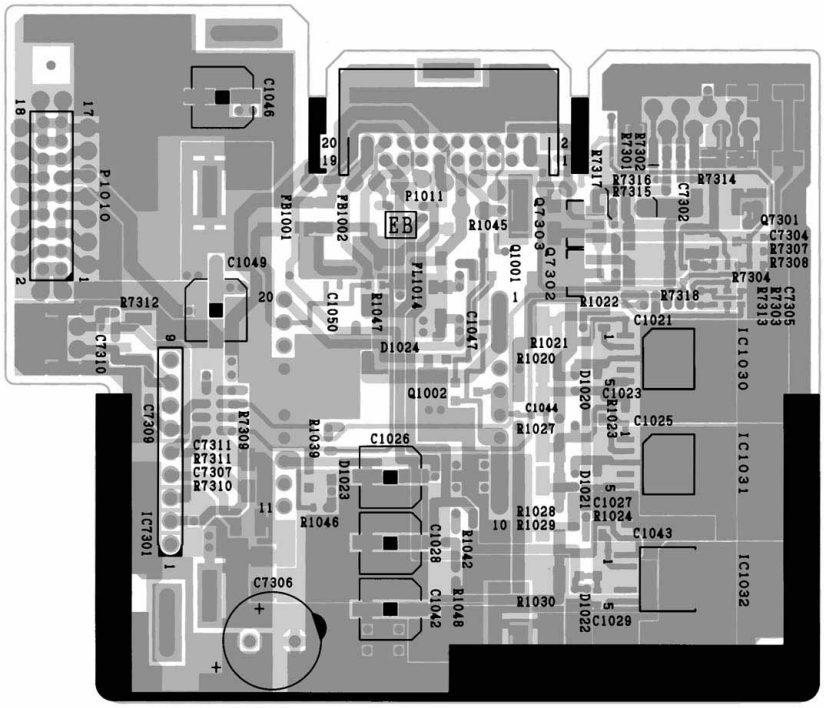


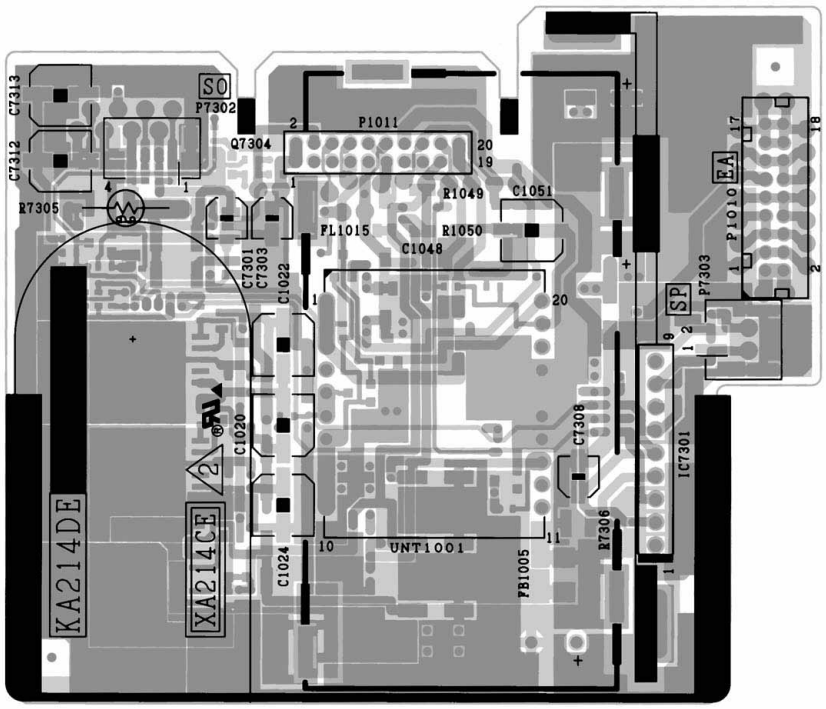
PC I/F Unit (Wiring Side)/
PC-I/F-Einheit (Leiterbahnseite)



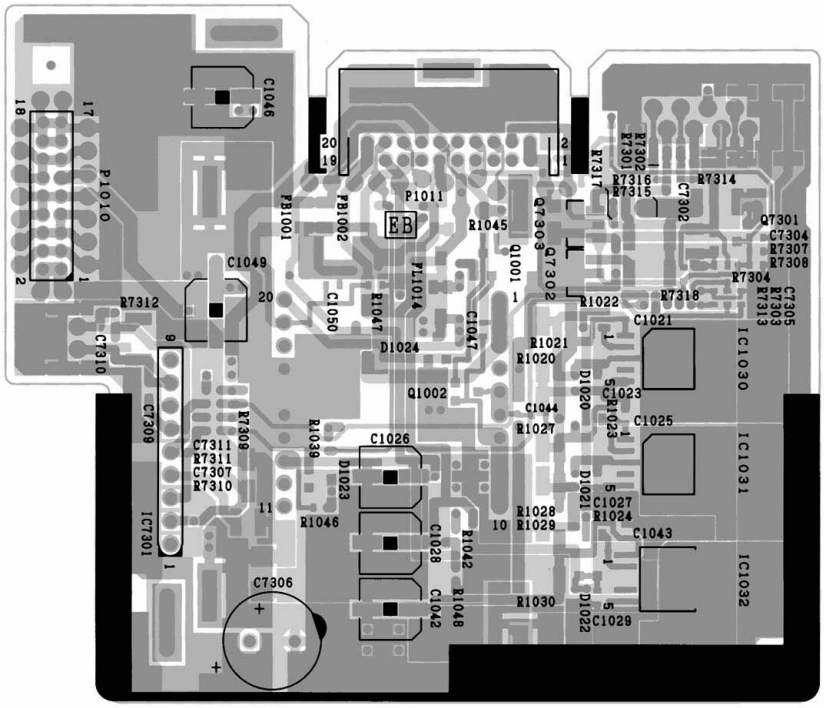
PC I/F Unit (Component Side)/
PC-I/F-Einheit (Bestückungsseite)



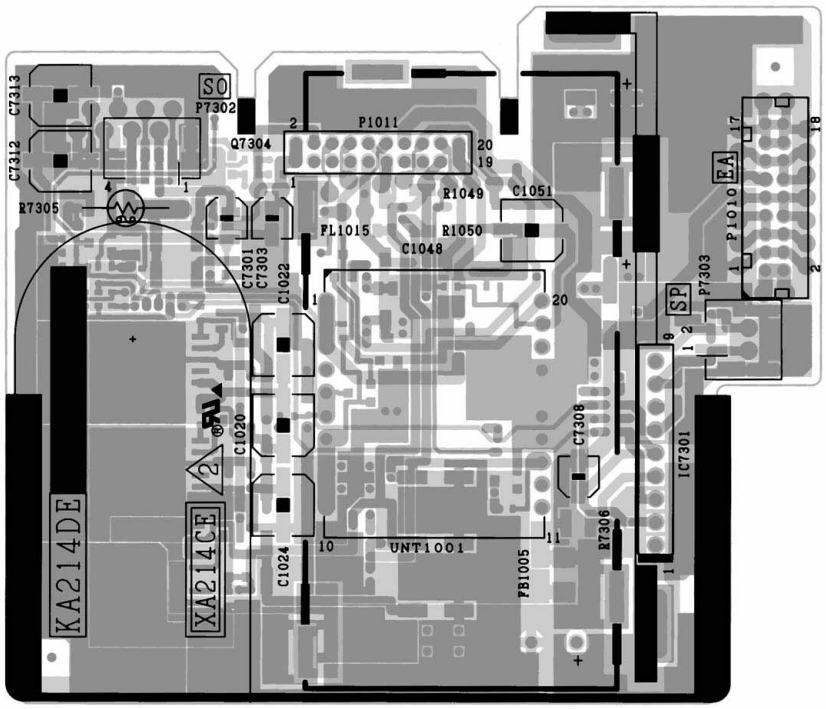
Sound Out/Regulator Unit (Wiring Side)/
Tonausgabe/Reglereinheit (Leiterbahnseite)



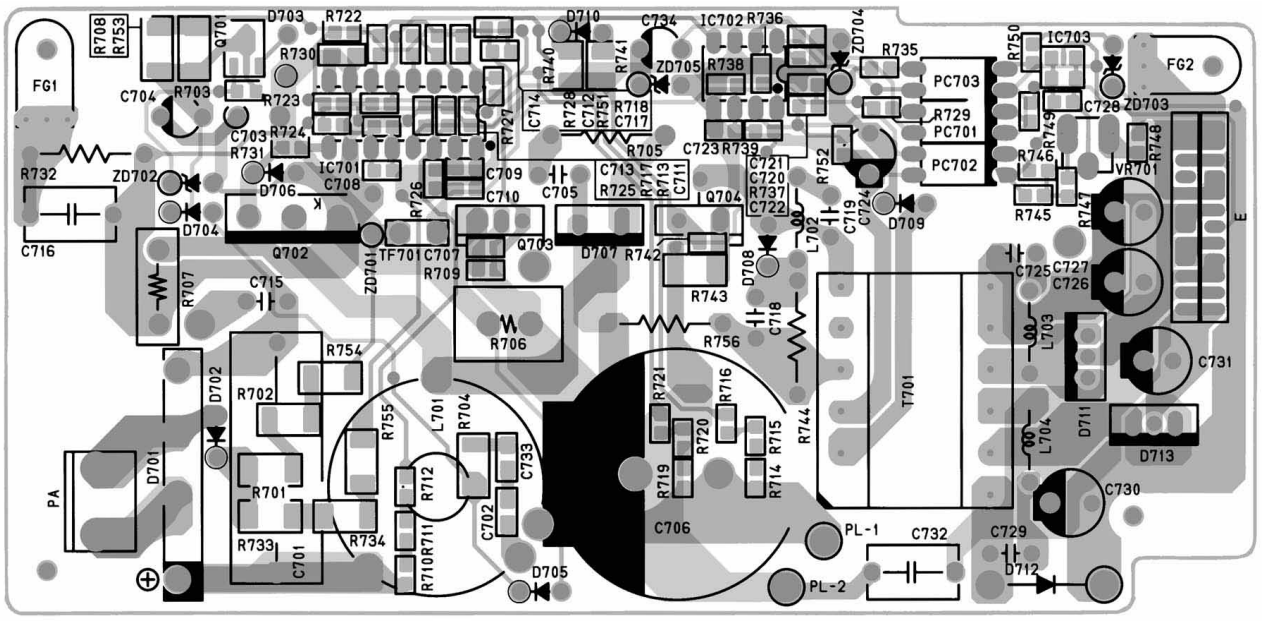
Sound Out/Regulator Unit (Component Side)/
Tonausgabe/Reglereinheit (Bestückungsseite)



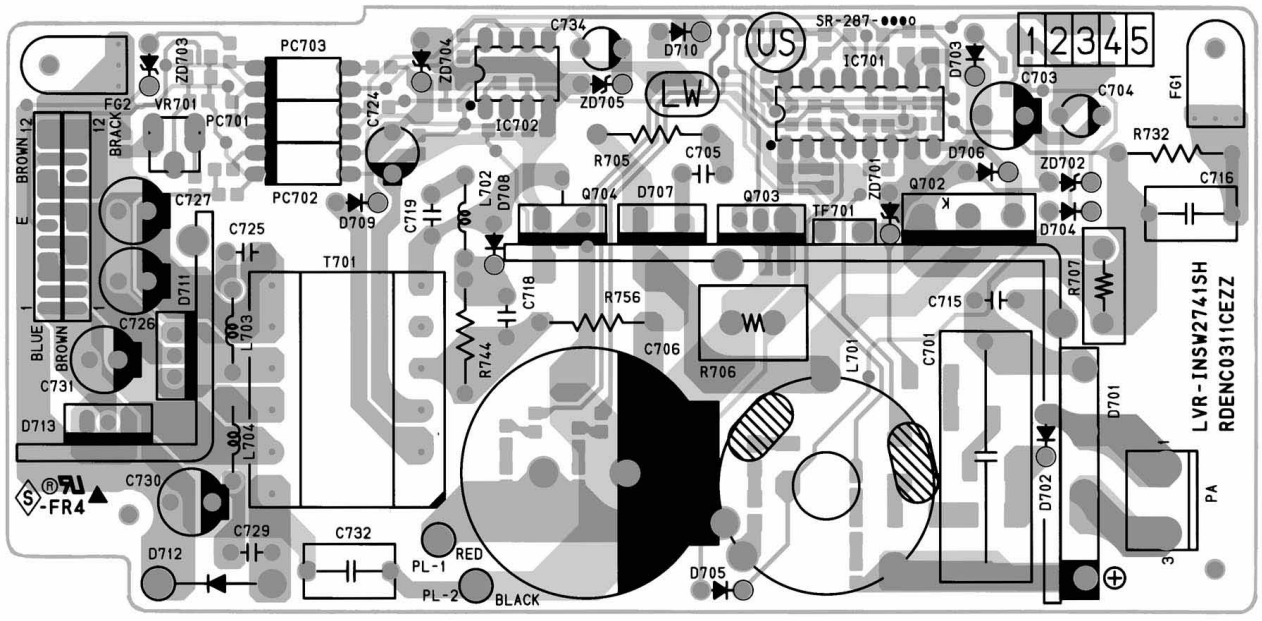
Sound Out/Regulator Unit (Wiring Side)/
Tonausgabe/Reglereinheit (Leiterbahnseite)



Sound Out/Regulator Unit (Component Side)/
Tonausgabe/Reglereinheit (Bestückungsseite)

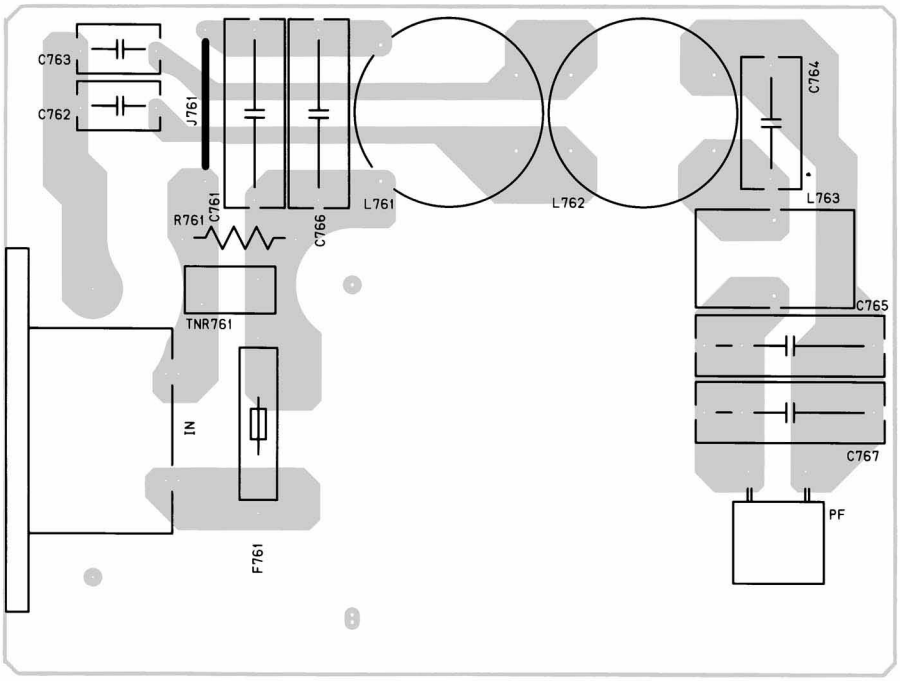


Power Unit (Wiring Side)/
Netzeinheit (Leiterbahnseite)

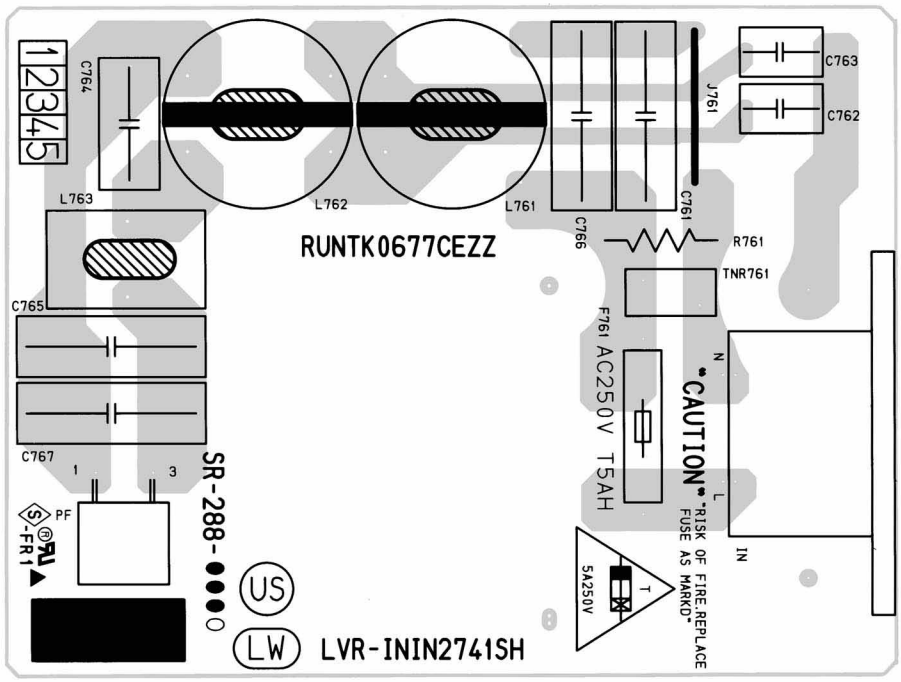


Power Unit (Component Side)/
Netzeinheit (Bestückungsseite)

1	2	3	4	5	6



Inlet Unit (Wiring Side)/
Eingangseinheit (Leiterbahnseite)



Inlet Unit (Component Side)/
Eingangseinheit (Bestückungsseite)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "⚠" in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

★ MARK : SPARE PARTS-DELIVERY SECTION

ERSATZTEILLISTE

AUSTAUSCH VON TEILEN

Ersatzteile, die besondere Sicherheitseigenschften haben, sind in dieser Anleitung markiert. Elektrische Komponenten mit solchen Eigenshaften sind in den Ersatzteil durch "⚠" gekenn-zeichnet.
Der Gebrauch von Ersatzteilen, die nicht deselben Sicherheitseigenschaften haben wie die vom Hersteller empfohlenen ud in der Bedienungsanleitung angegebenen, können zur Ursache von Blitzeinschlägen, Bränden und anderen Gefahren werden.

"WIE MAN ERSATSTEILE BESTELLT"

Damit Ihre Bestellung promt und korrekt ausgeführt wird, geben Sie bitte folgende Informationen.

1. MODELL NR.
2. REF. NR.
3. ERSATZTEIL NR.
4. BESCHREIBUNG
5. KODE
6. QUANTITÄT

★ MARKIERUNG : ERSATZTEILE-LIEFERUNG

Ref. No.	Part No.	★	Description	Code

LCD PANELS

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

	RLCDP0105CEZZ	J	LCD Module Unit, Red	CY
	RLCDP0106CEZZ	J	LCD Module Unit, Green	CY
	RLCDP0107CEZZ	J	LCD Module Unit, Blue	CY

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

	DUNTKA211DE02	–	Signal Unit	—
	DUNTKA212DE02	–	PC Terminal Unit	—
	DUNTKA214DE02	–	Sound Out/Regulator Unit	—
	DUNTKA215DE02	–	Output Unit	—
	DUNTK9769DE21	–	Video Unit	—
	RUNTK0677CEZZ	–	Inlet Unit	—
	RDENC0311CEZZ	–	Power Unit	—
	CPCi-0047CE02	–	PC I/F Unit	—
	RDENC0313CEZZ	J	Ballast Unit (Unit Replacement Item)	CC

DUNTKA211DE02
SIGNAL UNIT

INTEGRATED CIRCUITS

IC401	VHiNJM2240M-1	J	NJM2240M	AG
IC402	VHiNJM2240M-1	J	NJM2240M	AG
IC406	VHiBA7046F/-1	J	BA7046F	AF
IC409	VHiMM1041XM-1	J	MM1041XMR	AG
IC418	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC602	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC603	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC604	VHiSNHC153T-1	J	SN74HC153PW	AK
IC801	VHiTDA8854H-2	J	TDA8854H/N2	BD
IC803	VHiTDA4565/-1	J	TDA4565/V6	AN
IC805	VHiNJM2060V-1	J	NJM2060V	AF
IC806	VHiTC90A11F-1	J	TC90A11F	AZ
IC807	VHiM518221A-1	J	MSM518221A-30J	AW
IC808	VHiPST600DM-1	J	IC-PST600DMT	AE
IC814	VHiTA8814N/-1	J	TA8814N	AV
IC816	VHiNJM2283V-1	J	NJM2283V	AG
IC1001	VHiBA08SFP+-1	J	BA08SFP-E2	AG

TRANSISTORS

Q411	VS2SC3928AR-1	J	2SC3928AR	AB
Q416	VS2SC3928AR-1	J	2SC3928AR	AB
Q420	VS2SC2411KR-1	J	2SC2411KR	AC
Q421	VS2SC2411KR-1	J	2SC2411KR	AC
Q422	VS2SC2411KR-1	J	2SC2411KR	AC
Q804	VS2SA1530AR-1	J	2SA1530AR	AB
Q805	VS2SC3928AR-1	J	2SC3928AR	AB
Q806	VS2SC3928AR-1	J	2SC3928AR	AB
Q808	VS2SC3928AR-1	J	2SC3928AR	AB
Q809	VS2SA1530AR-1	J	2SA1530AR	AB
Q810	VS2SA1530AR-1	J	2SA1530AR	AB
Q814	VS2SC3928AR-1	J	2SC3928AR	AB
Q815	VS2SA1530AR-1	J	2SA1530AR	AB
Q816	VS2SC3928AR-1	J	2SC3928AR	AB
Q817	VS2SC3928AR-1	J	2SC3928AR	AB
Q819	VSDTC144EK/-1	J	DTC144EK	AB
Q820	VS2SC3928AR-1	J	2SC3928AR	AB
Q821	VS2SA1530AR-1	J	2SA1530AR	AB
Q822	VSDTC114EK/-1	J	DTC114EK	AB
Q823	VS2SC2411KR-1	J	2SC2411KR	AC
Q824	VS2SC2411KR-1	J	2SC2411KR	AC
Q825	VS2SC2411KR-1	J	2SC2411KR	AC
Q903	VS2SA1530AR-1	J	2SA1530AR	AB
Q905	VS2SC3928AR-1	J	2SC3928AR	AB
Q906	VS2SC3928AR-1	J	2SC3928AR	AB
Q907	VS2SC3928AR-1	J	2SC3928AR	AB

DUNTKA211DE02
SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q910	VS2SC3928AR-1	J	2SC3928AR	AB
			DIODES	
D801	VHDMA152WA/-1	J	Diode	AA
D802	RH-EX0226CEZZ	J	Zener Diode	AB
D803	RH-EX0226CEZZ	J	Zener Diode	AB
D805	VHDDAN202K/-1	J	Diode	AB
D1005	VHDDAN202K/-1	J	Diode	AB
			PACKAGED CIRCUITS	
X801	RCRSB0009PEZZ	J	Crystal	AL
X802	RCRSB0008PEZZ	J	Crystal	AH
			COILS	
L904	VP-1M470J5R4N	J	Peaking 47µH	AC
L905	VP-1M270J3R8N	J	Peaking 27µH	AC
L906	VP-1M330J4R2N	J	Peaking 33µH	AC
L908	VP-1M220J2R9N	J	Peaking 22µH	AC
			CAPACITORS	
C404	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C414	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C416	VCKYCY1AF105Z	J	1.0 10V Ceramic	AC
C425	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C437	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C441	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C443	VCKYCY1HF102Z	J	1000p 50V Ceramic	AA
C447	VCCCCY1HH5R0C	J	5.0p 50V Ceramic	AA
C448	VCEAPF1HW475M	J	4.7 50V Electrolytic	AB
C450	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C451	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C452	VCKYCY1HF102Z	J	1000p 50V Ceramic	AA
C453	RC-EZ1138CEZZ	J	10 10V Electrolitic	AF
C454	VCCCCY1HH7R0D	J	7.0p 50V Ceramic	AA
C455	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C456	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C458	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C472	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C485	VCEAPF1HW475M	J	4.7 50V Electrolytic	AB
C486	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C487	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C488	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C489	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C490	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C491	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
C495	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C601	VCEAPF1HW105M	J	1.0 50V Electrolytic	AB
C602	VCFRED1HM472J	J	4700p 50V Mylar	AD
C603	VCFRED1HM222J	J	2200p 50V Mylar	AC
C606	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C607	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
C608	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
C609	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C610	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
C611	VCCCCY1EH102J	J	1000p 25V Ceramic	AB
C612	VCEAPF0JW476M	J	47 6.3V Electrolytic	AB
C613	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C810	VCCCCY1HH180J	J	18p 50V Ceramic	AA
C811	VCCCCY1HH180J	J	18p 50V Ceramic	AA
C812	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C814	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C815	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C816	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C817	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C818	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C819	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C822	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C823	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C824	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C825	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C826	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
C827	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC
C828	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC
C829	VCEAPF1CW226M	J	22 16V Electrolytic	AB
C830	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C831	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C832	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C833	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C834	VCFRED1HM332J	J	3300p 50V Mylar	AD
C835	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C836	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C837	VCEAPF1CW107M	J	100 16V Electrolytic	AD
C838	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C839	VCEAPF1HW225M	J	2.2 50V Electrolytic	AB
C840	VCFYEC1CM223J	J	0.022 16V Mylar	AC
C844	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C845	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C852	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C856	VCFYEC1CM274J	J	0.27 16V Mylar	AE
C857	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C860	VCCCCY1HH221J	J	220p 50V Ceramic	AA
C861	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
C862	VCCCCY1HH820J	J	82p 50V Ceramic	AA
C863	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C864	VCE9PF1HW105M	J	1.0 50V Elect.(N.P)	AC
C865	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C867	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C868	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C869	VCKYCY1CF224Z	J	0.22 16V Ceramic	AA
C870	VCCCCY1HH101J	J	100p 50V Ceramic	AA
C871	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C872	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C873	VCFYEC1CM274J	J	0.27 16V Mylar	AE
C877	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C878	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C879	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C880	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
C881	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C882	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C883	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C885	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C891	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C892	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA
C893	VCEAPF1HW225M	J	2.2 50V Electrolytic	AB
C903	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C904	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C905	VCCCCY1HH360J	J	36p 50V Ceramic	AA
C906	VCEAPF1HW105M	J	1.0 50V Electrolytic	AB
C907	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C908	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C909	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C910	VCCCCY1HH181J	J	180p 50V Ceramic	AA
C911	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C912	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C913	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C914	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C915	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C916	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C917	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C918	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C919	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C920	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C921	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C922	VCEAPF1CW106M	J	10 16V Electrolytic	AB
C923	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C924	RC-EZ0569CEZZ	J	10 10V Electrolytic	AF
C925	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C926	VCCCCY1HH220J	J	22p 50V Ceramic	AA
C927	VCCCCY1HH5R0C	J	5.0p 50V Ceramic	AA
C930	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C931	VCCCCY1HH470J	J	47p 50V Ceramic	AA
C932	VCKYCY1AF105Z	J	1.0 10V Ceramic	AC
C933	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA
C934	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC
C935	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C936	VCEAPF1CW106M	J	10 16V Electrolytic	AB

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Ref. No.	Part No.	★	Description			Code
C937	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C938	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C939	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C945	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C946	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C948	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C949	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C950	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C951	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C954	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C957	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C958	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C959	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C960	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C962	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C963	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C964	VCFYEC1CM104J	J	0.1	16V	Mylar	AD
C965	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C966	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C967	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C968	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C970	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C973	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C1009	RC-EZ0569CEZZ	J	10	10V	Electrolytic	AF

RESISTORS

R409	VRS-TV1JD4R7J	J	4.7	1/16W	Metal Oxide	AA
R410	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R411	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R412	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R413	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R414	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R415	VRS-CY1JF151J	J	150	1/16W	Metal Oxide	AA
R416	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R417	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R418	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R419	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R438	VRS-CY1JF474J	J	470k	1/16W	Metal Oxide	AA
R439	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R440	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R472	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R477	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R478	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R479	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R480	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R481	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R482	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R496	VRS-CY1JF361J	J	360	1/16W	Metal Oxide	AA
R497	VRS-CY1JF332F	J	3.3k	1/16W	Metal Oxide	AA
R503	VRS-CY1JF392F	J	3.9k	1/16W	Metal Oxide	AA
R505	VRS-CY1JF361J	J	360	1/16W	Metal Oxide	AA
R584	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R603	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R604	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R605	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R608	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R611	VRN-CY1JF133D	J	13k	1/16W	Metal Film	AB
R613	VRN-CY1JF752D	J	7.5k	1/16W	Metal Film	AA
R614	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R615	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R616	VRN-CY1JF682D	J	6.8k	1/16W	Metal Film	AB
R617	VRN-CY1JF103D	J	10k	1/16W	Metal Film	AA
R619	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R621	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R622	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R623	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R624	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R650	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R699	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R806	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R807	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R808	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R811	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R812	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R815	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R816	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R817	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R819	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R820	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R821	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R832	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R835	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R837	VRS-CY1JF564J	J	560k	1/16W	Metal Oxide	AA
R838	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R839	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R840	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R841	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R842	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R843	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R844	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R845	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R846	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R848	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R849	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R850	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R851	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R852	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R853	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R855	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R856	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R857	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R858	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R859	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R860	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R861	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R862	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R863	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R865	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R866	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R867	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R869	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R870	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R871	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R872	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R873	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R874	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R875	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R876	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R877	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R878	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R879	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R880	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R891	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R892	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R893	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R894	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R895	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R898	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R901	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R902	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R903	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R905	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R906	VRS-TV1JD122J	J	1.2k	1/16W	Metal Oxide	AA
R907	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R908	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R909	VRN-CY1JF102D	J	1.0k	1/16W	Metal Film	AB
R910	VRS-TV1JD122J	J	1.2k	1/16W	Metal Oxide	AA
R911	VRS-TV1JD471J	J	470	1/16W	Metal Oxide	AA
R912	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R913	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R914	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R915	VRN-CY1JF332D	J	3.3k	1/16W	Metal Film	AA
R916	VRN-CY1JF332D	J	3.3k	1/16W	Metal Film	AA
R917	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R918	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R919	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R920	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R922	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R923	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R924	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R925	VRS-TV1JD222J	J	2.2k 1/16W Metal Oxide	AA
R926	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R927	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R928	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R929	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R930	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R931	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R932	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R933	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R934	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R935	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R936	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R937	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R938	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R939	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R940	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R941	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R942	VRS-CY1JF750J	J	75 1/16W Metal Oxide	AA
R943	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R944	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R945	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R952	VRS-TX2HF6R8J	J	6.8 1/2W Metal Oxide	AA
R953	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R954	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R955	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R956	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R957	VRS-CY1JF154J	J	150k 1/16W Metal Oxide	AA
R958	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R959	VRS-TV1JD222J	J	2.2k 1/16W Metal Oxide	AA
R964	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R975	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R976	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R980	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R981	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R982	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R983	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R990	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R991	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R999	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1005	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R1006	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R1007	VRN-CY1JF562D	J	5.6k 1/16W Metal Film	AB
R1008	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R1009	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1801	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R1802	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R1803	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1804	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1805	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R1806	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R1807	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R1808	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R1809	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1810	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R1811	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R1812	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R1813	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1819	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1820	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R1822	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1823	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R1825	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R1826	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB402	RBLN-0065CEZZ	J	Frrite Bead	AB
FB902	RBLN-0065CEZZ	J	Frrite Bead	AB
FB903	RBLN-0065CEZZ	J	Frrite Bead	AB
FB904	RBLN-0065CEZZ	J	Frrite Bead	AB
P401	QPLGZ3044CEZZ	J	Plug 30-pin (TN)	AH
P402	QPLGZ3044CEZZ	J	Plug 30-pin (VS)	AH
P801	QPLGN0463TAZZ	J	Plug 4-pin	AC
P1501	QPLGZ2026CEZZ	J	Plug 20-pin	AE
P1502	QPLGZ2026CEZZ	J	Plug 20-pin	AE

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC3003	VHiTL712CPW-1	J	TL712CPWR	AL
IC3004	VHiTL712CPW-1	J	TL712CPWR	AL
IC3005	VHiTL712CPW-1	J	TL712CPWR	AL
IC3006	RH-iX2317CEZZ	J	SN74AlS1034NS	AF
IC3009	VHiTL712CPW-1	J	TL712CPWR	AL
IC3010	VHiTL712CPW-1	J	TL712CPWR	AL
IC3011	VHiAD8185++-1	J	ADB185ARU	AW
IC3012	VHiVHC157MT-1	J	74VHC157MTCX	AE
IC3013	VHi24LC21//-1	J	24LC21T	AN
IC3014	VHi24LC21//-1	J	24LC21T	AN
IC3015	VHiTL712CPW-1	J	TL712CPWR	AL
IC3303	VHiNJM2245M-1	J	NJM2245M	AF
IC3304	VHiNJM2245M-1	J	NJM2245M	AF
IC7006	VHiUPD4721G-1	J	UPD4721G-GIG	AQ

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q3301	VS2SC3928AR-1	J	2SC3928AR	AB
Q3302	VSDTC143ZE/-1	J	DTC143ZE	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D3003	VHDMA152WA/-1	J	Diode	AA
D3004	VHDMA152WA/-1	J	Diode	AA
D3020	VHDMA152WA/-1	J	Diode	AA
D3021	VHDMA152WA/-1	J	Diode	AA
D3022	VHDMA152WA/-1	J	Diode	AA
D3023	VHDMA152WA/-1	J	Diode	AA
D3024	VHDMA152WA/-1	J	Diode	AA
D3028	VHDMA152WA/-1	J	Diode	AA
D3029	VHDMA152WA/-1	J	Diode	AA
D3032	VHDMA152WA/-1	J	Diode	AA
D3033	VHDMA152WA/-1	J	Diode	AA
D3034	VHDMA152WA/-1	J	Diode	AA
D3305	VHDMA3120WA-1	J	Diode	AK
D3306	VHDMA3120WA-1	J	Diode	AK
D3307	VHDMA3120WA-1	J	Diode	AK
D3311	VHDMA157A//-1	J	Diode	AC
D3312	VHDMA157A//-1	J	Diode	AC
D3313	VHDMA157A//-1	J	Diode	AC
D3314	VHDMA157A//-1	J	Diode	AC
D3315	VHDMA157A//-1	J	Diode	AC
D3316	VHDMA157A//-1	J	Diode	AC
D7025	VHDMA3120WA-1	J	Diode	AK
D7026	VHDMA3120WA-1	J	Diode	AK
D7027	VHDMA3120WA-1	J	Diode	AK
D7028	VHDMA3120WA-1	J	Diode	AK

COIL AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL3001	RFiLN0003TAZZ	J	Filter	AD
FL3002	RFiLN0003TAZZ	J	Filter	AD
FL3003	RFiLN0003TAZZ	J	Filter	AD
FL3006	RFiLN0003TAZZ	J	Filter	AD
FL3007	RFiLN0003TAZZ	J	Filter	AD
FL3008	RFiLN0003TAZZ	J	Filter	AD
FL3011	RFiLN0003TAZZ	J	Filter	AD
FL3012	RFiLN0003TAZZ	J	Filter	AD
FL3013	RFiLN0003TAZZ	J	Filter	AD
L3006	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

Ref. No.	Part No.	★				Code
C3001	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3002	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3003	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3004	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3005	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3006	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3008	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3009	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3010	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3027	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3028	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3029	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3030	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3031	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3032	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3033	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3034	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3039	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3040	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3041	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3042	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3043	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3044	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3045	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3046	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3047	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3062	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3063	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3065	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3066	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3067	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3070	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3071	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3073	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3075	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3076	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3077	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3078	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3080	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C3081	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3304	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3305	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C3306	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C3309	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3310	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3311	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3312	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3313	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3314	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3319	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3320	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3321	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3322	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3323	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7001	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C7017	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7018	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7019	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7020	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7021	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7501	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7502	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R2001	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R2002	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R2003	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3004	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3005	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3006	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3007	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3008	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3009	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3010	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3011	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3012	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3013	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3014	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3015	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3016	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3017	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3018	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3023	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3024	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R3025	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3026	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA

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PC TERMINAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R3027	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3028	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3029	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3030	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3031	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3032	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3033	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3036	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R3046	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3054	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R3055	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3056	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3057	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3058	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R3059	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R3060	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3061	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3062	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3063	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R3092	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3093	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3094	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3096	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3100	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3102	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3103	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3112	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3116	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3117	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3118	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3119	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3120	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3121	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3130	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3131	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3132	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3138	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3139	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3140	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3141	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3142	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R3143	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3144	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3145	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3146	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3147	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3149	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3150	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R3151	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R3152	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R3153	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3154	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3155	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R3156	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3157	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R3158	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3159	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R3160	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3161	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R3162	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3163	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R3164	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3165	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R3166	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R3301	VRS-CY1JF123J	J	12k 1/16W Metal Oxide	AA
R3302	VRS-CY1JF123J	J	12k 1/16W Metal Oxide	AA
R3303	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3304	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R3309	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R3310	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R3311	VRS-CY1JF105J	J	1.0M 1/16W Metal Oxide	AA
R3312	VRS-CY1JF105J	J	1.0M 1/16W Metal Oxide	AA
R3319	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3320	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3321	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3322	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3323	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R3324	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R3325	VRS-CY1JF272J	J	2.7k 1/16W Metal Oxide	AA
R3326	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R3327	VRS-CY1JF272J	J	2.7k 1/16W Metal Oxide	AA
R3328	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R3329	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3330	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R3331	VRS-TW2ED750J	J	75 1/4W Metal Oxide	AA
R7045	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7048	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7090	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7091	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7501	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R7562	VRS-TX2HF220J	J	22 1/2W Metal Oxide	AB
R7563	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7564	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R7565	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7566	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R7567	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB3004	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3005	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3009	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3010	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3014	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3015	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3016	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3301	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3302	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3303	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3307	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3308	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB3309	RBLN-0062TAZZ	J	Ferrite Bead	AB
FB7001	RBLN-0058TAZZ	J	Ferrite Bead	AC
FB7002	RBLN-0058TAZZ	J	Ferrite Bead	AC
FB7003	RBLN-0058TAZZ	J	Ferrite Bead	AC
FB7004	RBLN-0058TAZZ	J	Ferrite Bead	AC
J3301	QJAKJ0008GEZZ	J	Data Audio In	AD
J3303	QJAKJ0008GEZZ	J	Audio Monitor Out	AD
SC3001	QSOCZ3043CEZZ	J	Socket 30-pin (TN)	AG
SC3002	QSOCN0448FJZZ	J	Socket 15-pin RGB IN1	AM
SC3003	QSOCN0448FJZZ	J	Socket 15-pin RGB IN2	AM
SC3004	QSOCN0344FJZZ	J	Socket 15-pin RGB OUT	AM
SC7004	QSOCD0901CEZZ	J	Socket 9-pin RS-232C	AH
RMC7501	RRMCU0233CEZZ	J	R/C Receiver	AF
	PSLDM3024CEFW	J	Sheild	AK
	QEARP0085CEFW	J	Earth Plate	AD
	QEARP0091CEFN	J	Earth Plate	AE
	NSFTZ0134CEFW	J	Shaft	AD

DUNTKA214DE02
SOUND OUT/REGULATOR UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1030	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC1031	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC7301	VHiTDA7056A-1	J	TDA7056A	AP

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1001	VSDTC144EK/-1	J	DTC144EK	AB
Q1002	VSDTC144EK/-1	J	DTC144EK	AB
Q7301	VS2SC3928AR-1	J	2SC3928AR	AB
Q7302	VS2SD1664R/-1	J	2SD1664R	AC
Q7303	VS2SD1664R/-1	J	2SD1664R	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D1020	VHDDAN202K/-1	J	Diode	AB
D1021	VHDDAN202K/-1	J	Diode	AB
D1023	RH-EX0516CEZZ	J	Zener Diode	AB
D1024	RH-EX0516CEZZ	J	Zener Diode	AB

FILTERS

Ref. No.	Part No.	★	Description	Code
FL1014	RFiLN0097GEZZ	J	Filter	AF
FL1015	RFiLN0097GEZZ	J	Filter	AF

CAPACITORS

Ref. No.	Part No.	★				Code
C1020	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C1021	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1022	VCEAPF1CW336M	J	33	16V	Electrolytic	AB
C1023	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1024	VCEAPF1CW336M	J	33	16V	Electrolytic	AB
C1025	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1026	VCEAPF1CW336M	J	33	16V	Electrolytic	AB
C1027	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1046	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1047	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1048	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1049	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1050	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1051	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C7301	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7302	VCKYTQ1CB474K	J	0.47	16V	Ceramic	AD
C7303	VCEAPF1EW475M	J	4.7	25V	Electrolytic	AB
C7304	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7305	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7306	VCEAGA1EW477M	J	470	25V	Electrolytic	AD
C7307	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7308	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7310	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7311	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7312	VCEAPF1CW107M	J	100	16V	Electrolytic	AD

RESISTORS

Ref. No.	Part No.	★				Code
R1020	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1021	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1022	VRS-TV1JD103J	J	10k	1/16W	Metal Oxide	AA
R1023	VRS-TV1JD103J	J	10k	1/16W	Metal Oxide	AA
R1027	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R1028	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R1039	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1042	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1044	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R1045	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1050	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R7301	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R7302	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R7303	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7304	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R7305	QFS-J2521CEZZ	J	Fuse Resistor			AF
R7306	VRS-TW2ED000J	J	0	1/4W	Metal Oxide	AB
R7307	VRN-CY1JF103D	J	10k	1/16W	Metal Film	AA
R7308	VRN-CY1JF273D	J	27k	1/16W	Metal Film	AB
R7309	VRN-CY1JF183D	J	18k	1/16W	Metal Film	AA
R7310	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R7311	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7312	VRS-TX2HF8R2J	J	8.2	1/2W	Metal Oxide	AA
R7313	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R7315	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R7316	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R7317	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
UNT1001	RCNVD0014CEZZ	J	DC/DC Converter	BK
FB1001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1002	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1005	RBLN-0060CEZZ	J	Ferrite Bead	AC
P1010	QPLGN0428FJZZ	J	Plug 18-pin (EA)	AD
P1011	QPLGN0430FJZZ	J	Plug 20-pin (EB)	AD
P7302	QPLGN0464TAZZ	J	Plug 4-pin (SO)	AC
P7303	QPLGN0174FJZZ	J	Plug 2-pin (SP)	AC
	PRDAR1551CEFW	J	Heat Sink, for IC7301	AG
	LX-BZ3266CEFD	J	Screw	AA

DUNTKA215DE02
OUTPUT UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1004	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC1101	VHiET6050S0-1	J	ET6050S0B	BA
IC1102	VHiET6050S0-1	J	ET6050S0B	BA
IC1106	VHiET1030F0-1	J	ET1030F0A	AW
IC1201	VHiET6050S0-1	J	ET6050S0B	BA
IC1202	VHiET6050S0-1	J	ET6050S0B	BA
IC1204	VHiNJM2902V-1	J	NJM2902V	AD
IC1206	VHiET1030F0-1	J	ET1030F0A	AW
IC1301	VHiET6050S0-1	J	ET6050S0B	BA
IC1302	VHiET6050S0-1	J	ET6050S0B	BA
IC1306	VHiET1030F0-1	J	ET1030F0A	AW
IC1307	VHiLM2663M+-1	J	LM2663MX	AS
IC1401	VHiCXA2111R-1	J	CXA2111R	BB
IC1402	VHi74LV221+-1	J	SN74LV221ANSR	AG
IC1403	VHiNJM2060V-1	J	NJM2060V	AF
IC1404	VHiM62352GP-1	J	M62352GP	AQ
IC1406	VHiT7SET08U-1	J	TC7SET08FU	AE
IC1408	VHiHCT541AF-1	J	TC74HCT541AF	AG
IC1409	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1410	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1411	VHiTA8184F/-1	J	TA8184F	AN
IC1412	VHiM62352GP-1	J	M62352GP	AQ
IC1501	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC1502	VHiNJM2902V-1	J	NJM2902V	AD
IC1504	VHiLV123AT+-1	J	SN74LV123APWR	AF
IC1505	VHiAHC2G241-1	J	SN74AHC2G241HD	AF
IC1506	VHiAHC2G241-1	J	SN74AHC2G241HD	AF
IC1507	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1508	VHiAHC2G241-1	J	SN74AHC2G241HD	AF
IC1701	VHiNJM2904V-1	J	NJM2904V	AF
IC5003	VHiM62352GP-1	J	M62352GP	AQ
IC5004	VHiM62320FP-1	J	M62320FP	AK
IC5005	VHiM62320FP-1	J	M62320FP	AK
IC5006	VHiSNHC00T/-1	J	SN74HC00PW	AG
IC5007	VHiM62320FP-1	J	M62320FP	AK
IC5008	VHiM24C64WN-1	J	M24C64-WN1N6T	AL
IC5009	VHiSNHC08T/-1	J	SN74HC08PW	AG
IC5021	VHiBA033SFP-1	J	BA033SFP-E2	AG
IC5101	RH-iX3393CEZZ	J	BM89P538	AR
IC5102	VHiAHC2G241-1	J	SN74AHC2G241HD	AF
IC5503	VHiPQ05SZ51-1	J	PQ05SZ51	AG
IC5504	VHiBA00ASFP-1	J	BA00ASFP	AG
IC5505	VHiBA00ASFP-1	J	BA00ASFP	AG
IC5506	VHiSN1G66DC-1	J	SN74AHC1G66HDC	AD
IC5507	VHiBA00ASFP-1	J	BA00ASFP	AG
IC5508	VHiBA00ASFP-1	J	BA00ASFP	AG

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1101	VS2SA1530AR-1	J	2SA1530AR	AB
Q1105	VS2SC2411KR-1	J	2SC2411KR	AC
Q1106	VS2SA1036KR-1	J	2SA1036KR	AC
Q1107	VS2SC2411KR-1	J	2SC2411KR	AC
Q1108	VS2SA1036KR-1	J	2SA1036KR	AC
Q1110	VS2SC2411KR-1	J	2SC2411KR	AC
Q1112	VS2SA1036KR-1	J	2SA1036KR	AC
Q1113	VS2SC2411KR-1	J	2SC2411KR	AC
Q1114	VS2SA1036KR-1	J	2SA1036KR	AC
Q1205	VS2SC2411KR-1	J	2SC2411KR	AC
Q1206	VS2SA1036KR-1	J	2SA1036KR	AC
Q1207	VS2SC2411KR-1	J	2SC2411KR	AC
Q1208	VS2SA1036KR-1	J	2SA1036KR	AC
Q1210	VS2SC2411KR-1	J	2SC2411KR	AC
Q1211	VS2SC2411KR-1	J	2SC2411KR	AC
Q1212	VS2SA1036KR-1	J	2SA1036KR	AC
Q1213	VS2SA1036KR-1	J	2SA1036KR	AC
Q1301	VS2SA1530AR-1	J	2SA1530AR	AB
Q1305	VS2SC2411KR-1	J	2SC2411KR	AC
Q1306	VS2SA1036KR-1	J	2SA1036KR	AC
Q1307	VS2SC2411KR-1	J	2SC2411KR	AC
Q1308	VS2SA1036KR-1	J	2SA1036KR	AC
Q1310	VS2SC2411KR-1	J	2SC2411KR	AC
Q1311	VS2SC2411KR-1	J	2SC2411KR	AC
Q1312	VS2SA1036KR-1	J	2SA1036KR	AC
Q1313	VS2SA1036KR-1	J	2SA1036KR	AC
Q1401	VS2SC2735//-1	J	2SC2735	AB
Q1402	VS2SC2735//-1	J	2SC2735	AB
Q1403	VS2SC2735//-1	J	2SC2735	AB
Q1410	VS2SC2735//-1	J	2SC2735	AB
Q1411	VS2SC2735//-1	J	2SC2735	AB
Q1412	VS2SC2735//-1	J	2SC2735	AB
Q1413	VS2SC2735//-1	J	2SC2735	AB
Q1501	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1502	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1503	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1505	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1506	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1507	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1601	VS2SC3928AR-1	J	2SC3928AR	AB
Q1602	VS2SC3928AR-1	J	2SC3928AR	AB
Q1603	VS2SC3928AR-1	J	2SC3928AR	AB
Q1604	VS2SC3928AR-1	J	2SC3928AR	AB
Q1605	VSDTC144EU/-1	J	DTC144EU	AB
Q1606	VSDTC144EU/-1	J	DTC144EU	AB
Q1607	VSDTC144EU/-1	J	DTC144EU	AB
Q1608	VSDTC144EU/-1	J	DTC144EU	AB
Q1609	VSDTC144EU/-1	J	DTC144EU	AB
Q1610	VSDTC144EU/-1	J	DTC144EU	AB
Q1611	VSDTC144EU/-1	J	DTC144EU	AB
Q1612	VSDTC144EU/-1	J	DTC144EU	AB
Q1613	VSDTC144EU/-1	J	DTC144EU	AB
Q1614	VSDTC144EU/-1	J	DTC144EU	AB
Q1615	VSDTC144EU/-1	J	DTC144EU	AB
Q1616	VSDTC144EU/-1	J	DTC144EU	AB
Q1617	VSDTC144EU/-1	J	DTC144EU	AB
Q1618	VSDTC144EU/-1	J	DTC144EU	AB
Q1619	VSDTC114EU/-1	J	DTC114EU	AB
Q1620	VSDTC114EU/-1	J	DTC114EU	AB
Q5002	VS2SC3928AR-1	J	2SC3928AR	AB
Q5003	VS2SC3928AR-1	J	2SC3928AR	AB
Q5004	VS2SC3928AR-1	J	2SC3928AR	AB
Q5005	VS2SC3928AR-1	J	2SC3928AR	AB
Q5007	VS2SC3928AR-1	J	2SC3928AR	AB
Q5008	VSDTC144EU/-1	J	DTC144EU	AB
Q5514	VS2SC3928AR-1	J	2SC3928AR	AB
Q5516	VS2SC3928AR-1	J	2SC3928AR	AB
Q5517	VS2SC3928AR-1	J	2SC3928AR	AB
Q5518	VS2SC3928AR-1	J	2SC3928AR	AB
Q5519	VSDTC114EU/-1	J	DTC114EU	AB
Q5520	VS2SA1036KR-1	J	2SA1036KR	AC
Q5526	VSDTC114EU/-1	J	DTC114EU	AB
Q5527	VS2SA1530AR-1	J	2SA1530AR	AB
Q5528	VSDTC114EU/-1	J	DTC114EU	AB
Q5534	VSDTC114EU/-1	J	DTC114EU	AB
Q5535	VSDTC114EU/-1	J	DTC114EU	AB
Q5536	VS2SC3928AR-1	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1003	VHDDAN202K/-1	J	Diode	AB
D1401	VHDDAN202K/-1	J	Diode	AB
D1402	VHDDAN202K/-1	J	Diode	AB
D1502	VHDDAN202K/-1	J	Diode	AB
D5001	VHDHRW0702A-1	J	Diode	AE
D5002	VHDHRW0702A-1	J	Diode	AE
D5003	VHDHRW0702A-1	J	Diode	AE
D5004	VHDHRW0702A-1	J	Diode	AE
D5005	VHDMA153///-1	J	Diode	AB
D5006	VHDMA153///-1	J	Diode	AB
D5007	VHDMA153///-1	J	Diode	AB
D5008	VHDMA153///-1	J	Diode	AB
D5009	VHDHRW0702A-1	J	Diode	AE
D5010	VHDHRW0702A-1	J	Diode	AE
D5011	VHDHRW0702A-1	J	Diode	AE
D5012	VHDHRW0702A-1	J	Diode	AE
D5013	VHDMA153///-1	J	Diode	AB
D5014	VHDMA153///-1	J	Diode	AB

DUNTKA215DE02
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D5015	VHDMA153///-1	J	Diode	AB
D5016	VHDMA153///-1	J	Diode	AB
D5017	VHDHRW0702A-1	J	Diode	AE
D5018	VHDMA153///-1	J	Diode	AB
D5023	VHDDAN202K/-1	J	Diode	AB
D5024	RH-EX0858CEZZ	J	Zener Diode	AC
D5503	VHDDAN202K/-1	J	Diode	AB
D5504	VHDDAN202K/-1	J	Diode	AB
D5505	VHDDAN202K/-1	J	Diode	AB
D5513	VHDDAN202K/-1	J	Diode	AB
D5514	RH-EX0516CEZZ	J	Zener Diode	AB
D5520	VHDDAN202K/-1	J	Diode	AB
D5521	VHDDAN202K/-1	J	Diode	AB
D5522	VHDDAN202K/-1	J	Diode	AB
D5523	VHDDAN202K/-1	J	Diode	AB

PACKAGED CIRCUIT

X5101	RCRSB0286CEZZ	J	Crystal	AH

COILS

L1101	VP-1M100J1R6N	J	Peaking 10µH	AC
L1201	VP-1M100J1R6N	J	Peaking 10µH	AC
L1301	VP-1M100J1R6N	J	Peaking 10µH	AC
L1302	VP-NM100KR42N	J	Peaking 10µH	AB

CONTROLS

R1649	RVR-M4846GEZZ	J	220k (B)	AC
R1652	RVR-M4846GEZZ	J	220k (B)	AC

CAPACITORS

[MLFT ··· Multi Layer Film Tip]

C1010	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C1013	RC-EZ1146CEZZ	J	27	16V	Electrolitic	AG
C1101	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1102	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1103	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1104	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1105	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1106	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1107	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1108	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1109	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1110	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1112	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1113	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1114	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1115	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1116	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C1117	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1118	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1126	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1127	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1128	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1141	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1142	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1143	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1144	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1145	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1146	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1147	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1148	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1201	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1202	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1203	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1204	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1206	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1207	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1208	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1209	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1210	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1212	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1213	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1214	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1215	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1216	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C1217	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1218	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1219	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1225	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1226	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1227	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1228	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1229	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1241	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1242	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1243	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1244	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1245	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1247	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1301	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1303	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1304	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1305	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1306	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1307	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1308	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1309	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1310	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1312	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1313	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1314	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1315	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1316	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C1317	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1318	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1325	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1326	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1327	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1328	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1340	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C1341	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1342	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1343	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1344	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1345	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1346	VCEAPF1AW476M	J	47	10V	Electrolytic	AB
C1347	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1348	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1349	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1350	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1401	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1402	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1403	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1404	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1405	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1410	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1411	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1412	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1420	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1421	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1422	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1423	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1424	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1425	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1426	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1427	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1429	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1430	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1431	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1432	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1433	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1434	VCEAPF1EW226M	J	22	25V	Electrolytic	AB
C1435	VCEAPF1EW226M	J	22	25V	Electrolytic	AB
C1436	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1437	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C1438	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1453	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1460	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1461	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C1462	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1463	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1464	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1465	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1466	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1467	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1468	VCFRED1HM822J	J	8200p	50V	MLFT	AD
C1469	VCFYEC1CM334J	J	0.33	16V	MLFT	AE
C1470	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1471	VCKYCY1CF154Z	J	0.15	16V	Ceramic	AB
C1472	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1473	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C1474	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1475	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1476	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1477	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1478	VCEAPX1EW107M	J	100	25V	Electrolytic	AD
C1479	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1480	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1481	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1482	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C1483	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1484	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1485	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1486	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1487	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1488	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1489	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1490	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1491	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1492	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1501	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1502	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1503	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1504	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1505	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1506	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1507	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1508	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1510	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C1511	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1541	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1542	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C1543	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1544	VCEAGA1EW107M	J	100	25V	Electrolytic	AD
C1701	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1708	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1709	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1710	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1714	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1715	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1716	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1718	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1719	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1720	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C4441	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5001	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5007	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5012	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5015	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5016	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5017	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5033	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5041	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5045	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5046	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5055	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C5056	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5057	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5058	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5063	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5064	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5065	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5164	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C5165	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C5167	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C5170	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5171	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5174	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5175	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C5176	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5177	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5178	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C5179	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C5507	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5508	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5509	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5510	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5511	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5512	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5513	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5514	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5515	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5516	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5530	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5531	VCE9PF1CW336M	J	33	16V	Elect.(N.P)	AD
C5534	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5535	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5553	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5554	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5555	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5556	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5562	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5564	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5565	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5566	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5568	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5569	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5570	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

RESISTORS

R1003	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1015	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R1016	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R1018	QFS-L5015CEZZ	J	Fuse Resistor			AD
R1065	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1066	VRS-CY1JF432J	J	4.3k	1/16W	Metal Oxide	AA
R1067	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1071	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1081	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1082	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1083	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1084	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1085	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1086	VRS-CY1JF432J	J	4.3k	1/16W	Metal Oxide	AA
R1087	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1088	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1089	VRS-CY1JF432J	J	4.3k	1/16W	Metal Oxide	AA
R1090	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1093	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1094	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1095	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1102	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1105	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1108	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1109	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1110	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1113	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1115	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1116	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1117	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1118	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R1119	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1120	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1123	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1124	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1125	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1126	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1127	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1128	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1129	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1130	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1131	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1132	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1133	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1134	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1135	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1136	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1137	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1139	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1140	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1141	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1142	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1143	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1144	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1145	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1146	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1147	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1148	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1152	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1154	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1155	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1159	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1160	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1166	VRS-TV1JD270J	J	27	1/16W	Metal Oxide	AA
R1167	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1168	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1171	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1172	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1173	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1174	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1175	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1176	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1179	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1180	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1181	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1193	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1201	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1202	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1206	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1208	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1209	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1210	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1214	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1215	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1216	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1218	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1219	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1220	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1223	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1224	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1225	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1226	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1227	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1228	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1229	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1230	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1231	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1234	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1235	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1236	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1237	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1239	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1240	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1241	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1242	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1243	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1244	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1245	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1246	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1247	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1248	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1249	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1252	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1254	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1255	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1256	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1259	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1261	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1262	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1271	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1272	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1273	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1274	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1275	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1276	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1279	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1280	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1281	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1301	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1302	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1306	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1308	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1309	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1310	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1313	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1314	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1315	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1316	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1318	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1319	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1320	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1323	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1324	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1325	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1326	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1327	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1328	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1329	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1330	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1331	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1332	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1333	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1334	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1335	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1336	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1337	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1339	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1340	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1341	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1342	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1343	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1344	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1345	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1346	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1347	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1348	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1349	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1353	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1354	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1355	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1356	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1359	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1361	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1362	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1366	VRS-TV1JD270J	J	27	1/16W	Metal Oxide	AA
R1367	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1368	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R1371	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1372	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1373	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1374	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1375	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1376	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1379	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1380	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1381	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1401	VRN-CY1JF560D	J	56	1/16W	Metal Film	AA
R1402	VRN-CY1JF560D	J	56	1/16W	Metal Film	AA
R1403	VRN-CY1JF560D	J	56	1/16W	Metal Film	AA
R1404	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1405	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1406	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1407	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1408	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1409	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1412	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1413	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1414	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1415	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1416	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1417	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1418	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1419	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1420	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1421	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1422	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1423	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1424	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1425	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1426	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1427	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1428	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R1429	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1430	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1431	VRS-TV1JD121J	J	120	1/16W	Metal Oxide	AA
R1432	VRS-TV1JD121J	J	120	1/16W	Metal Oxide	AA
R1433	VRS-CY1JF121J	J	120	1/16W	Metal Oxide	AA
R1434	VRS-CY1JF121J	J	120	1/16W	Metal Oxide	AA
R1435	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1436	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R1437	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1438	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R1440	VRS-CY1JF220F	J	22	1/16W	Metal Oxide	AA
R1441	VRS-CY1JF220F	J	22	1/16W	Metal Oxide	AA
R1447	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1448	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1449	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1450	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1451	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1452	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1453	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1454	VRS-CY1JF202J	J	2.0k	1/16W	Metal Oxide	AA
R1455	VRS-CY1JF302J	J	3.0k	1/16W	Metal Oxide	AA
R1456	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1457	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1458	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1460	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1464	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1466	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1467	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1468	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1469	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1470	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1471	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1472	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1473	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1474	VRS-CY1JF123F	J	12k	1/16W	Metal Oxide	AA
R1475	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R1476	VRS-CY1JF510F	J	51	1/16W	Metal Oxide	AA
R1477	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R1480	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1483	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R1486	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R1490	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1491	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1492	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1493	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1494	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1495	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1496	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1497	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1498	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R1499	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1501	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1502	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1503	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R1504	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1505	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R1506	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1507	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1508	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R1509	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1510	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R1511	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1515	VRS-TX2HF100J	J	10	1/2W	Metal Oxide	AA
R1517	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1518	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1522	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1523	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R1524	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1525	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R1526	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1527	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R1528	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1532	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R1533	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1534	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R1535	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R1536	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1537	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R1538	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R1539	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R1540	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R1541	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R1542	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R1543	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R1544	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R1545	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R1546	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R1549	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1550	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1551	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1557	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1558	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1559	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1561	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1562	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1563	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1565	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1566	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1567	VRN-CY1JF562D	J	5.6k	1/16W	Metal Film	AB
R1568	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R1575	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R1576	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R1586	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1602	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1606	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1607	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1608	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1609	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1610	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1611	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1612	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R1613	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1626	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1627	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1628	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1629	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1630	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1632	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1633	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1634	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1635	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1636	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1637	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1648	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R1650	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R1651	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1653	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R1654	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1657	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R1658	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R1701	VRS-CB1JF100J	J	10	1/16W	Metal Oxide	AA
R1705	VRS-CB1JF100J	J	10	1/16W	Metal Oxide	AA
R1709	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1711	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1713	VRS-CB1JF100J	J	10	1/16W	Metal Oxide	AA
R1717	VRS-CB1JF100J	J	10	1/16W	Metal Oxide	AA
R1721	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1723	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1725	VRS-CB1JF100J	J	10	1/16W	Metal Oxide	AA
R1729	VRS-CB1JF100J	J	10	1/16W	Metal Oxide	AA
R1733	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1735	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1740	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1741	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1742	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1743	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1744	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1745	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1746	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1747	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1748	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1749	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1750	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1751	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1752	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1753	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1754	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1755	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1756	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1757	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1758	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1760	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R1761	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1762	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1763	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1764	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1765	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1766	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1767	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1768	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1769	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1770	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1771	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1772	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1773	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1774	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1775	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1776	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1777	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1778	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1779	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1780	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1781	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1782	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1783	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1784	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1785	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1786	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1787	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1788	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1789	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1790	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5003	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5004	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5005	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5006	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5008	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5010	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5011	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5012	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5013	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5016	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5017	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5018	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5022	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5023	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5024	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5031	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5032	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5035	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5036	VRS-TW2ED470J	J	47	1/4W	Metal Oxide	AA
R5037	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5038	VRS-TW2ED101J	J	100	1/4W	Metal Oxide	AA
R5039	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5040	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5041	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5042	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5043	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5044	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5045	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5046	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5047	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5048	VRS-TX2HF220J	J	22	1/2W	Metal Oxide	AB
R5053	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R5055	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5074	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5075	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5076	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5081	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5082	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5084	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5093	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5099	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R5105	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5106	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5107	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5108	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5109	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5110	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5111	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5112	VRS-TW2ED000J	J	0	1/4W	Metal Oxide	AB
R5113	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5114	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5121	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5125	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5126	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5127	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5128	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5129	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5130	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5133	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5135	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5140	VRN-CY1JF682D	J	6.8k	1/16W	Metal Film	AB
R5142	VRN-CY1JF332D	J	3.3k	1/16W	Metal Film	AA
R5146	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5147	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5150	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

DUNTKA215DE02
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R5151	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5152	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5153	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5155	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5157	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5159	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5161	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R5162	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5163	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5164	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5165	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5167	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5168	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R5169	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R5170	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R5171	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5172	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R5173	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R5174	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5175	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5176	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5177	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5178	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5179	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5181	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5182	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5183	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5184	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5185	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5186	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5187	VRS-CB1JF104J	J	100k	1/16W	Metal Oxide	AA
R5188	VRS-CB1JF100J	J	10	1/16W	Metal Oxide	AA
R5189	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5190	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5191	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5192	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5193	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5194	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5195	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5196	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5197	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5198	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5199	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5200	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R5201	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5202	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5204	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R5205	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R5506	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5507	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5509	VRS-CB1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5510	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5512	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5513	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5514	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5515	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5516	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5517	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5518	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5519	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5520	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5521	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5522	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5523	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5524	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R5525	VRN-CY1JF183D	J	18k	1/16W	Metal Film	AA
R5526	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R5527	VRN-CY1JF242D	J	2.4k	1/16W	Metal Film	AB
R5528	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R5529	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R5530	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R5534	VRS-CY1JF473F	J	47k	1/16W	Metal Oxide	AA
R5535	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5536	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R5537	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R5538	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5539	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5540	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5542	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5544	VRS-CY1JF512F	J	5.1k	1/16W	Metal Oxide	AA
R5545	VRS-CY1JF362F	J	3.6k	1/16W	Metal Oxide	AA
R5546	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5547	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5550	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R5551	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5552	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R5553	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R5554	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5555	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5570	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5571	VRS-CY1JF103F	J	10k	1/16W	Metal Oxide	AA
R5573	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R5577	VRS-CY1JF683F	J	68k	1/16W	Metal Oxide	AA
R5578	VRS-CY1JF222F	J	2.2k	1/16W	Metal Oxide	AA
R5579	VRS-CY1JF203F	J	20k	1/16W	Metal Oxide	AA
R5590	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5592	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5593	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5594	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5595	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5596	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5597	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R5598	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5599	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5600	VRS-CY1JF222F	J	2.2k	1/16W	Metal Oxide	AA
R5601	VRS-CY1JF683F	J	68k	1/16W	Metal Oxide	AA
R5602	VRS-CY1JF153F	J	15k	1/16W	Metal Oxide	AA
R5603	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R5604	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5619	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R5620	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R5621	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5622	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5623	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5624	VRS-CY1JF153F	J	15k	1/16W	Metal Oxide	AA
R5625	VRS-CY1JF222F	J	2.2k	1/16W	Metal Oxide	AA
R5626	VRS-CY1JF683F	J	68k	1/16W	Metal Oxide	AA
R5627	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5628	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5629	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R5630	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA

SWITCH

SW5101	QSW-K0065GEZZ	J	Key Switch	AC

MISCELLANEOUS PARTS

F1401	QFS-L8012CEZZ	J	Fuse 0.8A	AF
F1601	QFS-L8012CEZZ	J	Fuse 0.8A	AF
FB1101	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1102	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1104	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1105	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1107	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1108	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB1109	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB1201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1202	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1204	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1205	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1206	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1302	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1304	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1305	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1306	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1401	RBLN-0059CEZZ	J	Ferrite Bead	AB

Ref. No.	Part No.	★	Description	Code

DUNTKA215DE02
OUTPUT UNIT (Continued)

FB1402	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1405	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1511	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5101	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB5501	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5502	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5504	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5505	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5507	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5508	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5509	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5510	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5512	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5513	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5514	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5515	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5516	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB5517	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB5518	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5519	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5521	RBLN-0062CEZZ	J	Ferrite Bead	AC
P5501	QPLGN0174FJZZ	J	Plug, 2-pin (Q)	AC
P5502	QPLGN0763TAZZ	J	Plug, 7-pin	AD
P5503	QPLGN0264TAZZ	J	Plug, 2-pin (L)	AC
P5504	QPLGN0174FJZZ	J	Plug, 2-pin (F)	AC
P5505	QPLGN0176FJZZ	J	Plug, 4-pin (FS)	AD
P5506	QPLGN0176FJZZ	J	Plug, 4-pin (FN)	AD
P5507	QPLGN0364TAZZ	J	Plug, 3-pin (FP)	AC
P5508	QPLGN0464TAZZ	J	Plug, 4-pin (S)	AC
P5509	QPLGN0436FJZZ	J	Plug, 4-pin (EB)	AE
P5510	QPLGN0564TAZZ	J	Plug, 5-pin	AC
P5511	QPLGN0175FJZZ	J	Plug, 2-pin (I)	AD
SC1101	QSOCN3071TAZZ	J	Socket, 30-pin (RP)	AE
SC1201	QSOCN3071TAZZ	J	Socket, 30-pin (GP)	AE
SC1301	QSOCN3071TAZZ	J	Socket, 30-pin (BP)	AE
SC1404	QCNCW6054TAZZ	J	Connector, 60-pin	AK
SC1405	QCNCW6054TAZZ	J	Connector, 60-pin	AK
SC1501	QSOCZ2058CEZZ	J	Socket, 20-pin (CA)	AG
SC1502	QSOCZ2058CEZZ	J	Socket, 20-pin (CB)	AG
SC5001	QSOCN1897REZZ	J	Socket, 18-pin (KY)	AE
SC5502	QCNCW6054TAZZ	J	Connector 60-pin	AK
RMC7502	RRMCU0237CEZZ	J	R/C Receiver	AF
	PSLDC3076CEFN	J	Shield	AE

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VIDEO UNIT

INTEGRATED CIRCUITS

IC6001	VHiNJM2245M-1	J	NJM2245M	AF
IC6004	VHiMC141627-1	J	MC141627FT	AY

TRANSISTORS

Q6002	VS2SA1530AR-1	J	2SA1530AR	AB
Q6003	VS2SC3928AR-1	J	2SC3928AR	AB
Q6004	VS2SC3928AR-1	J	2SC3928AR	AB
Q6008	VS2SC3928AR-1	J	2SC3928AR	AB
Q6009	VS2SC3928AR-1	J	2SC3928AR	AB
Q6010	VS2SA1530AR-1	J	2SA1530AR	AB
Q6013	VS2SC3928AR-1	J	2SC3928AR	AB
Q6015	VSiMX2/////-1	J	IMX2	AB

DIODES

D6001	RH-EX0226CEZZ	J	Zener Diode	AB
D6007	VHDMA153///-1	J	Diode	AB
D6009	VHD1SS355//-1	J	Diode	AB
D6010	RH-EX0228CEZZ	J	Zener Diode	AB

COILS AND FILTERS

FL6002	RFiLN0124GEZZ	J	Filter	AD
FL6003	RFiLN0124GEZZ	J	Filter	AD
FL6004	RFiLN0124GEZZ	J	Filter	AD
FL6005	RFiLN0124GEZZ	J	Filter	AD
FL6006	RFiLN0124GEZZ	J	Filter	AD
FL6011	RCiLF0316CEZZ	J	Filter	AG
FL6012	RCiLF0316CEZZ	J	Filter	AG
L6001	VP-1M270J3R8N	J	Peaking 27µH	AC
L6002	VP-1M330J4R2N	J	Peaking 33µH	AC
L6003	VP-1M330J4R2N	J	Peaking 33µH	AC

CAPACITORS

C6001	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6005	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6013	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6014	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6015	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6016	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6017	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C6018	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6019	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6020	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6021	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6022	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C6023	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C6024	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C6025	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6026	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C6027	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C6029	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6030	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C6031	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6035	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6037	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C6038	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C6039	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6040	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6041	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6042	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6043	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6044	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6045	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

R6001	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6002	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6003	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6004	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6005	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6006	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code

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VIDEO UNIT (Continued)

R6007	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6008	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R6011	VRS-CY1JF4R7J	J	4.7	1/16W	Metal Oxide	AA
R6047	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6049	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6050	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6051	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6052	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R6053	VRS-CY1JF754J	J	750k	1/16W	Metal Oxide	AA
R6054	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6055	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6056	VRS-TV1JD152J	J	1.5k	1/16W	Metal Oxide	AA
R6057	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6058	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R6059	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R6060	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6061	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6062	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6063	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R6064	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R6069	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6070	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R6071	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R6072	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6073	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6074	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6075	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R6076	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R6081	VRS-CY1JF185J	J	1.8M	1/16W	Metal Oxide	AA
R6082	VRS-CY1JF563J	J	56k	1/16W	Metal Oxide	AA
R6085	VRS-CY1JF121J	J	120	1/16W	Metal Oxide	AA
R6087	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R6088	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R6089	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R6090	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6091	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R6092	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R6094	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R6095	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R6096	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB6001	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB6013	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6014	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6015	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6016	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6017	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6018	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6019	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6020	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6021	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6022	RBLN-0062CEZZ	J	Ferrite Bead	AC
J6001	QJAKG0049CEZZ	J	A/V Input	AH
J6003	QSOCD0403GEZZ	J	S-Video Input	AE
SC6001	QSOCZ3043CEZZ	J	Socket 30-pin (VS)	AG
	PSLDM4519CEFW	J	Sheild	AK
	QEARP0093CEFN	J	Earth Plate	AE

RUNTK0677CEZZ
INLET UNIT

PACKAGED CIRCUIT

⚠ TNR761	9FJ0F20001280	J	ENE471D10A	AD

COILS

⚠ L761	9FJ0L05001460	J	ADR18-03-030Y	
⚠ L762	9FJ0L05001460	J	ADR18-03-030Y	
L763	9FJ0L08001660	J	AFP10-60-080	AG

CAPACITORS

⚠ C761	9FJ0C34001763	J	0.22	250V	M.Polyester	
⚠ C762	9FJ0C51001223	J	1000p	250V	Ceramic	AD
⚠ C763	9FJ0C51001223	J	1000p	250V	Ceramic	AD
⚠ C764	9FJ0C34001753	J	0.1	250V	M.Polyester	
⚠ C765	9FJ0C34001763	J	0.22	250V	M.Polyester	
⚠ C766	9FJ0C34001763	J	0.22	250V	M.Polyester	
⚠ C767	9FJ0C34001763	J	0.22	250V	M.Polyester	

RESISTOR

⚠ R761	9FJ0R11002110	J	470k 1/2W	AC

MISCELLANEOUS PARTS

⚠ F761	9FJ0E02101020	J	Fuse 5A 250V	
	9FJ0G10003930	J	Connector, 3-pin (PF) S2P3-VH	AD

RDENC0311CEZZ
POWER UNIT

INTEGRATED CIRCUITS

⚠ IC701	9FJ0F01901370	J	FA5332P	
⚠ IC702	9FJ0F09001050	J	FA5315P	
IC703	9FJ0F01102505	J	HA17431VLPEL	

TRANSISTORS

Q701	9FJ0Q02001725	J	2SC4409	AE
Q702	9FJ0Q11001592	J	2SK2837	AU
Q703	9FJ0D40010160	J	TF561S	
Q704	9FJ0Q11010692	J	2SK2605	
Q705	9FJ0Q00001065	J	2SA1162YT	AC

DIODES

⚠ D701	9FJ0D13000160	J	Diode D5SB60	AK
D702	9FJ0D01010035	J	Diode TVR5JTPA	AC
D703	9FJ0D00001005	J	Diode 1SS119T	AB
D704	9FJ0D01010035	J	Diode TVR5JTPA	AC
D705	9FJ0D01010035	J	Diode TVR5JTPA	AC
D706	9FJ0D01001555	J	Diode AK03V0	
D707	9FJ0D04001000	J	Diode D5L60	AG
D708	9FJ0D01010035	J	Diode TVR5JTPA	AC
D709	9FJ0D01010035	J	Diode TVR5JTPA	AC
D710	9FJ0D01010035	J	Diode TVR5JTPA	AC
D711	9FJ0D24001230	J	Diode SF10SC6	
D712	9FJ0D03001113	J	Diode S3L20U	
D713	9FJ0D23010022	J	Diode FMX12S	AH
ZD701	9FJ0D31181695	J	Zener Diode RD24JSAB2TA	AC
ZD702	9FJ0D31181695	J	Zener Diode RD24JSAB2TA	AC
ZD703	9FJ0D31181695	J	Zener Diode RD24JSAB2TA	AC
ZD704	9FJ0D31181695	J	Zener Diode RD24JSAB2TA	AC
ZD705	9FJ0D31110125	J	Zener Diode RD5.1JSAB2TA	AD

PACKAGED CIRCUITS

⚠ PC701	9FJ0F10010931	J	Photo Coupler TLP721FD4GR	AG
⚠ PC702	9FJ0F10010931	J	Photo Coupler TLP721FD4GR	AG
⚠ PC703	9FJ0F10010931	J	Photo Coupler TLP721FD4GR	AG

RDENC0311CEZZ
POWER UNIT

COILS AND TRANSFORMER

Ref. No.	Part No.	★	Description	Code
L701	9FJ0L08001850	J	Inductor THNW23-06251	
L702	9FJ0L08001025	J	Inductor B-01-AT	AC
L703	9FJ0L08001025	J	Inductor B-01-AT	AC
L704	9FJ0L08001025	J	Inductor B-01-AT	AC
⚠ T701	9FJ0L00501170	J	Transformer 050117	

CONTROL

Ref. No.	Part No.	★	Description	Code
VR701	9FJ0R60001255	J	1k EVNDXAA03B13	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C701	9FJ0C32410040	J	2.2 400V M.Polyester	AN
C702	9FJ0C50004335	J	0.22 25V Ceramic (Chip)	
C703	9FJ0C01401985	J	100 35V Electrolytic	AE
C704	9FJ0C01502455	J	22 50V Electrolytic	AC
C705	9FJ0C50003455	J	470p 1kV Ceramic	AK
C706	9FJ0C02801643	J	150 420V Electrolytic	
C707	9FJ0C50002015	J	0.01 50V Ceramic	AB
C708	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC
C709	9FJ0C50004375	J	68p 50V Ceramic (Chip)	AC
C710	9FJ0C50011465	J	470p 50V Ceramic (Chip)	AC
C711	9FJ0C50002635	J	0.047 50V Ceramic	AC
C712	9FJ0C50011465	J	470p 50V Ceramic (Chip)	AC
C713	9FJ0C50002015	J	0.01 50V Ceramic	AB
C714	9FJ0C50004365	J	0.15 25V Ceramic (Chip)	AC
⚠ C716	9FJ0C51001223	J	1000p 4kV Ceramic	AD
C717	9FJ0C50002015	J	0.01 50V Ceramic	AB
C718	9FJ0C21201035	J	4700p 200V Ceramic	
C719	9FJ0C50010715	J	220p 1kV Ceramic	AD
C720	9FJ0C50004325	J	0.22 16V Ceramic (Chip)	
C721	9FJ0C50011465	J	470p 50V Ceramic (Chip)	AC
C722	9FJ0C50002635	J	0.047 50V Ceramic	AC
C723	9FJ0C50002635	J	0.047 50V Ceramic	AC
C724	9FJ0C01401635	J	47 35V Electrolytic	AD
C725	9FJ0C50002985	J	1000p 500V Ceramic	AD
C726	9FJ0C01102040	J	1000 10V Electrolytic	
C727	9FJ0C01102040	J	1000 10V Electrolytic	
C728	9FJ0C50003745	J	0.1 50V Ceramic (Chip)	
C729	9FJ0C50002985	J	1000p 500V Ceramic	AD
C730	9FJ0C01302155	J	220 25V Electrolytic	
C731	9FJ0C01302140	J	470 25V Electrolytic	
⚠ C732	9FJ0C51001223	J	1000p 4kV Ceramic	AD
C733	9FJ0C50004335	J	0.22 25V Ceramic (Chip)	
C734	9FJ0C01510195	J	3.3 50V Electrolytic	

RESISTORS

Ref. No.	Part No.	★	Description	Code
R701	9FJ0R94201715	J	9.1k 1/2W Chip	
R702	9FJ0R94201715	J	9.1k 1/2W Chip	
R703	9FJ0R91201445	J	47k 1/10W Chip	AB
R704	9FJ0R94201005	J	10 1/2W Chip	AC
R705	9FJ0R17070491	J	10 2W Metal Oxide	AC
R706	9FJ0R70010070	J	10 5W Cement	AH
R707	9FJ0R22110330	J	0.1 5W Cement	
R708	9FJ0R94201305	J	3.3k 1/2W Chip	
R709	9FJ0R91201245	J	1k 1/10W Chip	AB
R710	9FJ0R91501065	J	470k 1/10W Chip	
R711	9FJ0R91501065	J	470k 1/10W Chip	
R712	9FJ0R91501065	J	470k 1/10W Chip	
R713	9FJ0R91501025	J	8.2k 1/10W Chip	
R714	9FJ0R91501065	J	470k 1/10W Chip	
R715	9FJ0R91501065	J	470k 1/10W Chip	
R716	9FJ0R91501065	J	470k 1/10W Chip	
R718	9FJ0R91501005	J	5.6k 1/10W Chip	AB
R719	9FJ0R91501065	J	470k 1/10W Chip	
R720	9FJ0R91501065	J	470k 1/10W Chip	
R721	9FJ0R91501065	J	470k 1/10W Chip	
R722	9FJ0R91501005	J	5.6k 1/10W Chip	AB
R723	9FJ0R91201505	J	150k 1/10W Chip	
R724	9FJ0R91201425	J	33k 1/10W Chip	AB
R725	9FJ0R91201455	J	56k 1/10W Chip	AB
R726	9FJ0R91201365	J	10k 1/10W Chip	AB
R727	9FJ0R91201055	J	27 1/10W Chip	AB
R728	9FJ0R91201405	J	22k 1/10W Chip	AB
R729	9FJ0R91201485	J	100k 1/10W Chip	AB
R730	9FJ0R92201115	J	82 1/8W Chip	
R731	9FJ0R91201005	J	10 1/10W Chip	AB
⚠ R732	9FJ0R32001005	J	15M 1W Metal Glaze	AE
R733	9FJ0R94201715	J	9.1k 1/2W Chip	
R734	9FJ0R94201715	J	9.1k 1/2W Chip	
R735	9FJ0R91201445	J	47k 1/10W Chip	AB
R736	9FJ0R91201665	J	5.1k 1/10W Chip	AB
R737	9FJ0R91201245	J	1k 1/10W Chip	AB
R738	9FJ0R91201105	J	68 1/10W Chip	
R739	9FJ0R91201005	J	10 1/10W Chip	AB
R740	9FJ0R93201125	J	100 1/4W Chip	
R741	9FJ0R93201005	J	10 1/4W Chip	
R742	9FJ0R91201365	J	10k 1/10W Chip	AB
R743	9FJ0R94001095	J	0.22 1/2W Chip	
R744	9FJ0R17071411	J	68k 2W Metal Oxide	AD
R745	9FJ0R91201245	J	1k 1/10W Chip	AB
R746	9FJ0R91201165	J	220 1/10W Chip	AB
R747	9FJ0R91201665	J	5.1k 1/10W Chip	AB
R748	9FJ0R91201305	J	3.3k 1/10W Chip	AB
R749	9FJ0R91201305	J	3.3k 1/10W Chip	AB
R750	9FJ0R91201125	J	100 1/10W Chip	
R753	9FJ0R94201305	J	3.3k 1/2W Chip	
R754	9FJ0R94201715	J	9.1k 1/2W Chip	
R755	9FJ0R94201715	J	9.1k 1/2W Chip	
R756	9FJ0R16080255	J	1 1W Metal Oxide	
R757	9FJ0R94201285	J	2.2k 1/2W Chip	
R758	9FJ0R91201285	J	2.2k 1/10W Chip	AB
R759	9FJ0R91201265	J	1.5k 1/10W Chip	
R770	9FJ0R94201715	J	9.1k 1/2W Chip	
R771	9FJ0R94201715	J	9.1k 1/2W Chip	

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
TF701	9FJ0E03010060	J	Fuse P125A	AG
	9FJ0G10001750	J	Connector (PA) B2P3-VH	AE
	9FJ0i10007550	J	Harness (PL)	
	9FJ0i10007570	J	Harness (E)	
	9FJ0O00002510	J	Heat Sink	
	9FJ0O00002520	J	Heat Sink	

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8001	RH-iX3270CEZZ	J	HD6417709	BH
IC8003	9DK001-11020	J	AT24C128N-10SC-1.8	AS
IC8006	9DK001-12055	J	TC7WH241FU	AN
IC8007	9DK001-15061	J	PST600IM	AL
IC8019	9DK001-15060	J	PST623XW	AP
IC8020	RH-iX3460CEZZQ	J	GMZ2A	BP
IC8022	9DK001-12086	J	74VHCT244AMT	AL
IC8024	9DK001-15053	J	TL431CPS	AL
IC8025	RH-iX3249CEN1	J	MB87J1101	BT
IC8027	RH-iX3439CEZZQ	J	LH28F320S3NS-L12	BK
IC8028	9DK001-11017	J	MSM51V18165D-60TS-K	BB
IC8029	RH-iX3250CEZZ	J	MB87J1110	BW
IC8035	9DK001-11021	J	NT56V1616A0T-7	BB
IC8038	9DK001-11021	J	NT56V1616A0T-7	BB
IC8039	9DK001-11021	J	NT56V1616A0T-7	BB
IC8046	9DK001-11021	J	NT56V1616A0T-7	BB
IC8048	RH-iX3293CEZZ	J	MBCG61394-106	BC
IC8051	9DK001-15065	J	CXD2309Q	BC
IC8052	9DK001-12055	J	TC7WH241FU	AN
IC8053	9DK001-12057	J	TC74LVX86FT	AM
IC8056	9DK001-12058	J	HD74LVC00T	AK
IC8600	9DK001-12068	J	SN74F153DB	AM
IC8601	9DK001-20026	J	UPA103G	BA
IC8603	9DK001-15038	J	PQ05TZ11	AR
IC8604	9DK001-15071	J	PQ20VZ11	AL
IC8606	9DK001-15076	J	CXA3516R	BR
IC8607	9DK001-12070	J	HD74HCT125T	AL
IC8608	9DK001-12055	J	TC7WH241FU	AN
IC8609	RH-iX3399CEZZ	J	IX3399	BM
IC8610	9DK001-12068	J	SN74F153DB	AM
IC8611	9DK001-15087	J	NJM2137V	AS

TRANSISTOR

Ref. No.	Part No.	★	Description	Code
Q8012	9DK001-20025	J	IMB3A	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D8001	9DK001-30001	J	1SS193	AC
D8002	9DK001-30001	J	1SS193	AC
D8003	9DK001-30001	J	1SS193	AC
D8004	9DK001-30001	J	1SS193	AC
D8601	9DK001-30018	J	1SS187	AD
D8602	9DK001-30018	J	1SS187	AD

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X8001	9DK001-80012	J	Crystal, 6MHz	AN
X8003	9DK001-80011	J	Crystal, 1.8432MHz	AS
X8004	9DK001-80013	J	Crystal, 22.165MHz	AN
X8005	9DK001-80014	J	Crystal, 16.25MHz	AN

FILTERS

Ref. No.	Part No.	★	Description	Code
FL8002	9DK001-82026	J	Filter, STS104B	AG
FL8003	9DK001-82026	J	Filter, STS104B	AG
FL8005	9DK001-82026	J	Filter, STS104B	AG
FL8006	9DK001-82026	J	Filter, STS104B	AG
FL8021	9DK001-82026	J	Filter, STS104B	AG
FL8022	9DK001-82026	J	Filter, STS104B	AG
FL8023	9DK001-82026	J	Filter, STS104B	AG
FL8026	9DK001-82026	J	Filter, STS104B	AG
FL8027	9DK001-82026	J	Filter, STS104B	AG
FL8028	9DK001-82026	J	Filter, STS104B	AG
FL8032	9DK001-82026	J	Filter, STS104B	AG
FL8034	9DK001-82026	J	Filter, STS104B	AG
FL8037	9DK001-82026	J	Filter, STS104B	AG
FL8039	9DK001-82026	J	Filter, STS104B	AG
FL8041	9DK001-82026	J	Filter, STS104B	AG
FL8048	9DK001-82026	J	Filter, STS104B	AG
FL8049	9DK001-82026	J	Filter, STS104B	AG
FL8051	9DK001-82026	J	Filter, STS104B	AG
FL8053	9DK001-82026	J	Filter, STS104B	AG
FL8054	9DK001-82026	J	Filter, STS104B	AG
FL8056	9DK001-82026	J	Filter, STS104B	AG
FL8057	9DK001-82026	J	Filter, STS104B	AG
FL8058	9DK001-82026	J	Filter, STS104B	AG
FL8600	9DK001-82026	J	Filter, STS104B	AG
FL8601	9DK001-82026	J	Filter, STS104B	AG
FL8602	9DK001-82026	J	Filter, STS104B	AG
FL8603	9DK001-82026	J	Filter, STS104B	AG
FL8604	9DK001-82026	J	Filter, STS104B	AG
FL8606	9DK001-82026	J	Filter, STS104B	AG

COILS

Ref. No.	Part No.	★	Description	Code
L600	9DK001-81052	J	Coil, 3.3µH	AG
L601	9DK001-81052	J	Coil, 3.3µH	AG
L602	9DK001-81052	J	Coil, 3.3µH	AG
L8603	9DK001-81052	J	Coil, 3.3µH	AG
L8604	9DK001-81050	J	Coil, 68µH	AG

CAPACITORS

Ref. No.	Part No.	★				Code
C8001	9DK001-42094	J	0.1	25V	Ceramic	AC
C8002	9DK001-42094	J	0.1	25V	Ceramic	AC
C8006	9DK001-42096	J	0.01	50V	Ceramic	AC
C8009	9DK001-42096	J	0.01	50V	Ceramic	AC
C8012	9DK001-42103	J	15p	50V	Ceramic	AC
C8013	9DK001-42103	J	15p	50V	Ceramic	AC
C8019	9DK001-42104	J	470p	50V	Ceramic	AC
C8020	9DK001-42104	J	470p	50V	Ceramic	AC
C8021	9DK001-42096	J	0.01	50V	Ceramic	AC
C8022	9DK001-42096	J	0.01	50V	Ceramic	AC
C8026	9DK001-42096	J	0.01	50V	Ceramic	AC
C8028	9DK001-42096	J	0.01	50V	Ceramic	AC
C8029	9DK001-42096	J	0.01	50V	Ceramic	AC
C8030	9DK001-42105	J	0.047	50V	Ceramic	AC
C8031	9DK001-42094	J	0.1	25V	Ceramic	AC
C8035	9DK001-42096	J	0.01	50V	Ceramic	AC
C8039	9DK001-42094	J	0.1	25V	Ceramic	AC
C8042	9DK001-42096	J	0.01	50V	Ceramic	AC
C8043	9DK001-42096	J	0.01	50V	Ceramic	AC
C8052	9DK001-42096	J	0.01	50V	Ceramic	AC
C8053	9DK001-42096	J	0.01	50V	Ceramic	AC
C8170	9DK001-42096	J	0.01	50V	Ceramic	AC
C8176	9DK001-42096	J	0.01	50V	Ceramic	AC
C8177	9DK001-42096	J	0.01	50V	Ceramic	AC
C8178	9DK001-42096	J	0.01	50V	Ceramic	AC
C8181	9DK001-42096	J	0.01	50V	Ceramic	AC
C8182	9DK001-42096	J	0.01	50V	Ceramic	AC
C8185	9DK001-42096	J	0.01	50V	Ceramic	AC
C8190	9DK001-42096	J	0.01	50V	Ceramic	AC
C8191	9DK001-42096	J	0.01	50V	Ceramic	AC
C8192	9DK001-42096	J	0.01	50V	Ceramic	AC
C8196	9DK001-42096	J	0.01	50V	Ceramic	AC
C8198	9DK001-42096	J	0.01	50V	Ceramic	AC
C8207	9DK001-42096	J	0.01	50V	Ceramic	AC
C8211	9DK001-42096	J	0.01	50V	Ceramic	AC
C8213	9DK001-42096	J	0.01	50V	Ceramic	AC
C8216	9DK001-42103	J	15p	50V	Ceramic	AC
C8217	9DK001-42096	J	0.01	50V	Ceramic	AC
C8220	9DK001-42103	J	15p	50V	Ceramic	AC
C8223	9DK001-42096	J	0.01	50V	Ceramic	AC
C8228	9DK001-42096	J	0.01	50V	Ceramic	AC
C8230	9DK001-42096	J	0.01	50V	Ceramic	AC
C8231	9DK001-42096	J	0.01	50V	Ceramic	AC
C8233	9DK001-42096	J	0.01	50V	Ceramic	AC
C8247	9DK001-42096	J	0.01	50V	Ceramic	AC
C8250	9DK001-42096	J	0.01	50V	Ceramic	AC
C8252	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8255	9DK001-40092	J	220	4V	Electrolytic	AF
C8257	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8259	9DK001-42103	J	15p	50V	Ceramic	AC
C8265	9DK001-42103	J	15p	50V	Ceramic	AC
C8266	9DK001-42096	J	0.01	50V	Ceramic	AC
C8268	9DK001-42096	J	0.01	50V	Ceramic	AC
C8273	9DK001-42096	J	0.01	50V	Ceramic	AC
C8281	9DK001-42096	J	0.01	50V	Ceramic	AC
C8283	9DK001-42096	J	0.01	50V	Ceramic	AC
C8284	9DK001-42096	J	0.01	50V	Ceramic	AC

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C8285	9DK001-42096	J	0.01	50V	Ceramic	AC
C8297	9DK001-42096	J	0.01	50V	Ceramic	AC
C8301	9DK001-42096	J	0.01	50V	Ceramic	AC
C8305	9DK001-42096	J	0.01	50V	Ceramic	AC
C8309	9DK001-42096	J	0.01	50V	Ceramic	AC
C8317	9DK001-42096	J	0.01	50V	Ceramic	AC
C8325	9DK001-42096	J	0.01	50V	Ceramic	AC
C8328	9DK001-42096	J	0.01	50V	Ceramic	AC
C8329	9DK001-42096	J	0.01	50V	Ceramic	AC
C8330	9DK001-42096	J	0.01	50V	Ceramic	AC
C8332	9DK001-42096	J	0.01	50V	Ceramic	AC
C8341	9DK001-42094	J	0.1	25V	Ceramic	AC
C8342	9DK001-42111	J	1	10V	Ceramic	AB
C8343	9DK001-42094	J	0.1	25V	Ceramic	AC
C8344	9DK001-40077	J	10	16V	Electrolytic	AF
C8349	9DK001-42096	J	0.01	50V	Ceramic	AC
C8355	9DK001-42101	J	220p	50V	Ceramic	AC
C8361	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8366	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8367	9DK001-40092	J	220	4V	Electrolytic	AF
C8368	9DK001-40090	J	47	4V	Electrolytic	AF
C8369	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8370	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8371	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8372	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8373	9DK001-40090	J	47	4V	Electrolytic	AF
C8374	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8375	9DK001-40092	J	220	4V	Electrolytic	AF
C8376	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8378	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8379	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8425	9DK001-42096	J	0.01	50V	Ceramic	AC
C8432	9DK001-42103	J	15p	50V	Ceramic	AC
C8460	9DK001-42094	J	0.1	25V	Ceramic	AC
C8470	9DK001-42096	J	0.01	50V	Ceramic	AC
C8471	9DK001-42096	J	0.01	50V	Ceramic	AC
C8472	9DK001-42096	J	0.01	50V	Ceramic	AC
C8600	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8602	9DK001-42113	J	4.7	10V	Ceramic	AB
C8603	9DK001-42094	J	0.1	25V	Ceramic	AC
C8604	9DK001-42094	J	0.1	25V	Ceramic	AC
C8605	9DK001-42094	J	0.1	25V	Ceramic	AC
C8606	9DK001-42108	J	5p	50V	Ceramic	AB
C8607	9DK001-42108	J	5p	50V	Ceramic	AB
C8608	9DK001-40079	J	47	16V	Electrolytic	AG
C8610	9DK001-40079	J	47	16V	Electrolytic	AG
C8612	9DK001-40079	J	47	16V	Electrolytic	AG
C8613	9DK001-42096	J	0.01	50V	Ceramic	AC
C8614	9DK001-40079	J	47	16V	Electrolytic	AG
C8616	9DK001-43018	J	10	16V	Tantalum	AH
C8617	9DK001-42094	J	0.1	25V	Ceramic	AC
C8620	9DK001-43018	J	10	16V	Tantalum	AH
C8621	9DK001-42094	J	0.1	25V	Ceramic	AC
C8623	9DK001-43018	J	10	16V	Tantalum	AH
C8624	9DK001-42094	J	0.1	25V	Ceramic	AC
C8625	9DK001-42094	J	0.1	25V	Ceramic	AC
C8626	9DK001-40079	J	47	16V	Electrolytic	AG
C8627	9DK001-42094	J	0.1	25V	Ceramic	AC
C8630	9DK001-42096	J	0.01	50V	Ceramic	AC
C8631	9DK001-42094	J	0.1	25V	Ceramic	AC
C8632	9DK001-42125	J	0.068	16V	Film	AM
C8633	9DK001-42111	J	1	10V	Ceramic	AB
C8634	9DK001-42124	J	680p	25V	Ceramic	AC
C8635	9DK001-42099	J	100p	50V	Ceramic	AC
C8636	9DK001-42099	J	100p	50V	Ceramic	AC
C8637	9DK001-42111	J	1	10V	Ceramic	AB
C8638	9DK001-42094	J	0.1	25V	Ceramic	AC
C8640	9DK001-42111	J	1	10V	Ceramic	AB
C8641	9DK001-42094	J	0.1	25V	Ceramic	AC
C8642	9DK001-42094	J	0.1	25V	Ceramic	AC
C8645	9DK001-42094	J	0.1	25V	Ceramic	AC
C8646	9DK001-42094	J	0.1	25V	Ceramic	AC
C8647	9DK001-42096	J	0.01	50V	Ceramic	AC
C8648	9DK001-40079	J	47	16V	Electrolytic	AG
C8649	9DK001-42094	J	0.1	25V	Ceramic	AC
C8650	9DK001-42094	J	0.1	25V	Ceramic	AC
C8651	9DK001-42096	J	0.01	50V	Ceramic	AC
C8652	9DK001-42094	J	0.1	25V	Ceramic	AC
C8653	9DK001-42111	J	1	10V	Ceramic	AB
C8654	9DK001-42111	J	1	10V	Ceramic	AB
C8656	9DK001-42094	J	0.1	25V	Ceramic	AC
C8662	9DK001-42094	J	0.1	25V	Ceramic	AC
C8672	9DK001-42096	J	0.01	50V	Ceramic	AC
C8674	9DK001-42096	J	0.01	50V	Ceramic	AC
C8677	9DK001-42129	J	0.01	16V	Film	AL
C8679	9DK001-42096	J	0.01	50V	Ceramic	AC
C8684	9DK001-40089	J	47	6.3V	Electrolytic	AE
C8685	9DK001-42096	J	0.01	50V	Ceramic	AC
C8692	9DK001-42096	J	0.01	50V	Ceramic	AC
C8694	9DK001-42096	J	0.01	50V	Ceramic	AC
C8695	9DK001-42096	J	0.01	50V	Ceramic	AC
C8698	9DK001-42096	J	0.01	50V	Ceramic	AC
C8701	9DK001-40091	J	100	4V	Electrolytic	AF
C8702	9DK001-43018	J	10	16V	Tantalum	AH
C8703	9DK001-43018	J	10	16V	Tantalum	AH
C8704	9DK001-43018	J	10	16V	Tantalum	AH
C8705	9DK001-42094	J	0.1	25V	Ceramic	AC
C8706	9DK001-42111	J	1	10V	Ceramic	AB
C8707	9DK001-42094	J	0.1	25V	Ceramic	AC
C8708	9DK001-42099	J	100p	50V	Ceramic	AC

RESISTORS

FB8001	9DK001-50267	J	33	1/16W	Chip1608	AD
FB8002	9DK001-50267	J	33	1/16W	Chip1608	AD
FB8003	9DK001-50267	J	33	1/16W	Chip1608	AD
FL8001	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8024	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8025	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8033	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8038	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8043	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8044	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8045	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8046	9DK001-50110	J	0	1/10W	Chip2125	AB
FL8605	9DK001-50110	J	0	1/10W	Chip2125	AB
R8001	9DK001-50165	J	100	1/16W	Chip1608	AA
R8002	9DK001-50165	J	100	1/16W	Chip1608	AA
R8003	9DK001-50165	J	100	1/16W	Chip1608	AA
R8004	9DK001-50165	J	100	1/16W	Chip1608	AA
R8005	9DK001-50163	J	68	1/16W	Chip1608	AA
R8006	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8007	9DK001-50209	J	27k	1/16W	Chip1608	AA
R8009	9DK001-50204	J	150	1/16W	Chip1608	AA
R8011	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8012	9DK001-50207	J	6.8k	1/16W	Chip1608	AA
R8013	9DK001-50207	J	6.8k	1/16W	Chip1608	AA
R8014	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8015	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8016	9DK001-50198	J	1.69k	1/16W	Chip1608	AB
R8017	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8018	9DK001-50199	J	2.15k	1/16W	Chip1608	AB
R8019	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8022	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8023	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8027	9DK001-50209	J	27k	1/16W	Chip1608	AA
R8028	9DK001-50183	J	4.7k	1/16W	Chip1608	AA
R8033	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8034	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8035	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8036	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8040	9DK001-50163	J	68	1/16W	Chip1608	AA
R8043	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8044	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8050	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8051	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8057	9DK001-51030	J	10k	1/16W	Resistor Array	AD

CPCi-0047CE02
PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R8058	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8061	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8065	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8066	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8071	9DK001-50159	J	22	1/16W	Chip1608	AA
R8072	9DK001-50159	J	22	1/16W	Chip1608	AA
R8097	9DK001-50162	J	56	1/16W	Chip1608	AA
R8100	9DK001-50162	J	56	1/16W	Chip1608	AA
R8104	9DK001-50162	J	56	1/16W	Chip1608	AA
R8107	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8114	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8116	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8117	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8155	9DK001-50150	J	10	1/16W	Chip1608	AA
R8156	9DK001-50150	J	10	1/16W	Chip1608	AA
R8157	9DK001-50167	J	180	1/16W	Chip1608	AA
R8158	9DK001-50163	J	68	1/16W	Chip1608	AA
R8159	9DK001-50167	J	180	1/16W	Chip1608	AA
R8160	9DK001-50163	J	68	1/16W	Chip1608	AA
R8162	9DK001-50163	J	68	1/16W	Chip1608	AA
R8164	9DK001-50150	J	10	1/16W	Chip1608	AA
R8167	9DK001-50159	J	22	1/16W	Chip1608	AA
R8168	9DK001-50159	J	22	1/16W	Chip1608	AA
R8169	9DK001-50159	J	22	1/16W	Chip1608	AA
R8170	9DK001-50159	J	22	1/16W	Chip1608	AA
R8172	9DK001-50201	J	15	1/16W	Chip1608	AA
R8176	9DK001-50150	J	10	1/16W	Chip1608	AA
R8180	9DK001-50159	J	22	1/16W	Chip1608	AA
R8181	9DK001-50159	J	22	1/16W	Chip1608	AA
R8182	9DK001-50159	J	22	1/16W	Chip1608	AA
R8183	9DK001-50159	J	22	1/16W	Chip1608	AA
R8185	9DK001-50165	J	100	1/16W	Chip1608	AA
R8186	9DK001-50204	J	150	1/16W	Chip1608	AA
R8187	9DK001-50203	J	62	1/16W	Chip1608	AA
R8191	9DK001-50159	J	22	1/16W	Chip1608	AA
R8193	9DK001-50159	J	22	1/16W	Chip1608	AA
R8194	9DK001-50159	J	22	1/16W	Chip1608	AA
R8195	9DK001-50159	J	22	1/16W	Chip1608	AA
R8197	9DK001-50190	J	1M	1/16W	Chip1608	AA
R8202	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8203	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8204	9DK001-50159	J	22	1/16W	Chip1608	AA
R8205	9DK001-50159	J	22	1/16W	Chip1608	AA
R8206	9DK001-50159	J	22	1/16W	Chip1608	AA
R8207	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8209	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8210	9DK001-50173	J	470	1/16W	Chip1608	AA
R8211	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R8215	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8216	9DK001-50150	J	10	1/16W	Chip1608	AA
R8217	9DK001-50149	J	0	1/16W	Chip1608	AB
R8218	9DK001-50164	J	82	1/16W	Chip1608	AA
R8219	9DK001-50165	J	100	1/16W	Chip1608	AA
R8220	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8221	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8222	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8223	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8224	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8227	9DK001-50190	J	1M	1/16W	Chip1608	AA
R8228	9DK001-50150	J	10	1/16W	Chip1608	AA
R8229	9DK001-50150	J	10	1/16W	Chip1608	AA
R8230	9DK001-50150	J	10	1/16W	Chip1608	AA
R8231	9DK001-50165	J	100	1/16W	Chip1608	AA
R8232	9DK001-50203	J	62	1/16W	Chip1608	AA
R8233	9DK001-50204	J	150	1/16W	Chip1608	AA
R8235	9DK001-50150	J	10	1/16W	Chip1608	AA
R8239	9DK001-50169	J	220	1/16W	Chip1608	AA
R8240	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8246	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8251	9DK001-50159	J	22	1/16W	Chip1608	AA
R8252	9DK001-50159	J	22	1/16W	Chip1608	AA
R8253	9DK001-50159	J	22	1/16W	Chip1608	AA
R8254	9DK001-50159	J	22	1/16W	Chip1608	AA
R8255	9DK001-50159	J	22	1/16W	Chip1608	AA
R8257	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8264	9DK001-50162	J	56	1/16W	Chip1608	AA
R8267	9DK001-50162	J	56	1/16W	Chip1608	AA
R8272	9DK001-50263	J	1k	1/4W	Chip3216	AB
R8276	9DK001-50155	J	3k	1/16W	Chip1608	AB
R8278	9DK001-50162	J	56	1/16W	Chip1608	AA
R8279	9DK001-50162	J	56	1/16W	Chip1608	AA
R8280	9DK001-50165	J	100	1/16W	Chip1608	AA
R8281	9DK001-50222	J	1.3k	1/16W	Chip1608	AB
R8282	9DK001-50165	J	100	1/16W	Chip1608	AA
R8289	9DK001-50207	J	6.8k	1/16W	Chip1608	AA
R8290	9DK001-50165	J	100	1/16W	Chip1608	AA
R8295	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8297	9DK001-50162	J	56	1/16W	Chip1608	AA
R8298	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8299	9DK001-50162	J	56	1/16W	Chip1608	AA
R8300	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8301	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8302	9DK001-50264	J	680	1/16W	Chip1608	AD
R8304	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8305	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8307	9DK001-50162	J	56	1/16W	Chip1608	AA
R8309	9DK001-50162	J	56	1/16W	Chip1608	AA
R8316	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8318	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8319	9DK001-50169	J	220	1/16W	Chip1608	AA
R8320	9DK001-50149	J	0	1/16W	Chip1608	AB
R8321	9DK001-50173	J	470	1/16W	Chip1608	AA
R8322	9DK001-50205	J	1.8k	1/16W	Chip1608	AA
R8323	9DK001-50150	J	10	1/16W	Chip1608	AA
R8325	9DK001-50150	J	10	1/16W	Chip1608	AA
R8326	9DK001-50150	J	10	1/16W	Chip1608	AA
R8327	9DK001-50150	J	10	1/16W	Chip1608	AA
R8328	9DK001-50150	J	10	1/16W	Chip1608	AA
R8329	9DK001-50162	J	56	1/16W	Chip1608	AA
R8330	9DK001-50165	J	100	1/16W	Chip1608	AA
R8339	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8341	9DK001-50150	J	10	1/16W	Chip1608	AA
R8342	9DK001-50150	J	10	1/16W	Chip1608	AA
R8343	9DK001-50159	J	22	1/16W	Chip1608	AA
R8344	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8345	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8348	9DK001-50149	J	0	1/16W	Chip1608	AB
R8353	9DK001-50149	J	0	1/16W	Chip1608	AB
R8362	9DK001-50162	J	56	1/16W	Chip1608	AA
R8363	9DK001-50162	J	56	1/16W	Chip1608	AA
R8364	9DK001-50162	J	56	1/16W	Chip1608	AA
R8365	9DK001-50162	J	56	1/16W	Chip1608	AA
R8366	9DK001-50162	J	56	1/16W	Chip1608	AA
R8367	9DK001-50162	J	56	1/16W	Chip1608	AA
R8368	9DK001-50162	J	56	1/16W	Chip1608	AA
R8369	9DK001-50162	J	56	1/16W	Chip1608	AA
R8370	9DK001-50162	J	56	1/16W	Chip1608	AA
R8447	9DK001-50150	J	10	1/16W	Chip1608	AA
R8448	9DK001-50150	J	10	1/16W	Chip1608	AA
R8456	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8465	9DK001-50110	J	0	1/10W	Chip2125	AB
R8466	9DK001-50110	J	0	1/10W	Chip2125	AB
R8471	9DK001-50110	J	0	1/10W	Chip2125	AB
R8472	9DK001-50110	J	0	1/10W	Chip2125	AB
R8481	9DK001-50149	J	0	1/16W	Chip1608	AB
R8489	9DK001-50149	J	0	1/16W	Chip1608	AB
R8600	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8601	9DK001-50110	J	0	1/10W	Chip2125	AB
R8603	9DK001-50216	J	360	1/16W	Chip1608	AA
R8604	9DK001-50162	J	56	1/16W	Chip1608	AA
R8605	9DK001-50165	J	100	1/16W	Chip1608	AA
R8606	9DK001-50163	J	68	1/16W	Chip1608	AA
R8607	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8608	9DK001-50161	J	47	1/16W	Chip1608	AA
R8609	9DK001-50161	J	47	1/16W	Chip1608	AA
R8610	9DK001-50165	J	100	1/16W	Chip1608	AA
R8611	9DK001-50176	J	820	1/16W	Chip1608	AA
R8612	9DK001-50176	J	820	1/16W	Chip1608	AA

Ref. No.	Part No.	★	Description			Code
R8613	9DK001-50204	J	150	1/16W	Chip1608	AA
R8614	9DK001-50204	J	150	1/16W	Chip1608	AA
R8615	9DK001-50176	J	820	1/16W	Chip1608	AA
R8616	9DK001-50176	J	820	1/16W	Chip1608	AA
R8620	9DK001-50159	J	22	1/16W	Chip1608	AA
R8621	9DK001-50203	J	62	1/16W	Chip1608	AA
R8623	9DK001-50159	J	22	1/16W	Chip1608	AA
R8624	9DK001-50203	J	62	1/16W	Chip1608	AA
R8625	9DK001-50176	J	820	1/16W	Chip1608	AA
R8627	9DK001-50159	J	22	1/16W	Chip1608	AA
R8628	9DK001-50203	J	62	1/16W	Chip1608	AA
R8629	9DK001-50256	J	1.6k	1/16W	Chip1608	AB
R8630	9DK001-50237	J	1k	1/16W	Chip1608	AA
R8632	9DK001-50155	J	3k	1/16W	Chip1608	AB
R8635	9DK001-50155	J	3k	1/16W	Chip1608	AB
R8637	9DK001-50149	J	0	1/16W	Chip1608	AB
R8639	9DK001-50149	J	0	1/16W	Chip1608	AB
R8640	9DK001-50210	J	33k	1/16W	Chip1608	AA
R8641	9DK001-50210	J	33k	1/16W	Chip1608	AA
R8642	9DK001-50150	J	10	1/16W	Chip1608	AA
R8643	9DK001-50150	J	10	1/16W	Chip1608	AA
R8644	9DK001-50149	J	0	1/16W	Chip1608	AB
R8645	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8648	9DK001-50159	J	22	1/16W	Chip1608	AA
R8649	9DK001-50159	J	22	1/16W	Chip1608	AA
R8650	9DK001-50159	J	22	1/16W	Chip1608	AA
R8651	9DK001-50159	J	22	1/16W	Chip1608	AA
R8672	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8673	9DK001-50257	J	75	1/16W	Chip1608	AA
R8674	9DK001-50218	J	20k	1/16W	Chip1608	AA
R8675	9DK001-50150	J	10	1/16W	Chip1608	AA
R8680	9DK001-50185	J	10k	1/16W	Chip1608	AA
R8683	9DK001-50266	J	13	1/10W	Chip2125	AA
R8684	9DK001-50266	J	13	1/10W	Chip2125	AA
R8685	9DK001-50266	J	13	1/10W	Chip2125	AA
R8687	9DK001-50159	J	22	1/16W	Chip1608	AA
R8688	9DK001-50173	J	470	1/16W	Chip1608	AA
R8689	9DK001-50165	J	100	1/16W	Chip1608	AA
R8690	9DK001-50177	J	1k	1/16W	Chip1608	AA
R8691	9DK001-50177	J	1k	1/16W	Chip1608	AA

CPCi-0047CE02
PC I/F UNIT (Continued)

SWITCH

S8001	9DK001-70012	J	Switch SSSS812-B-2B	AL

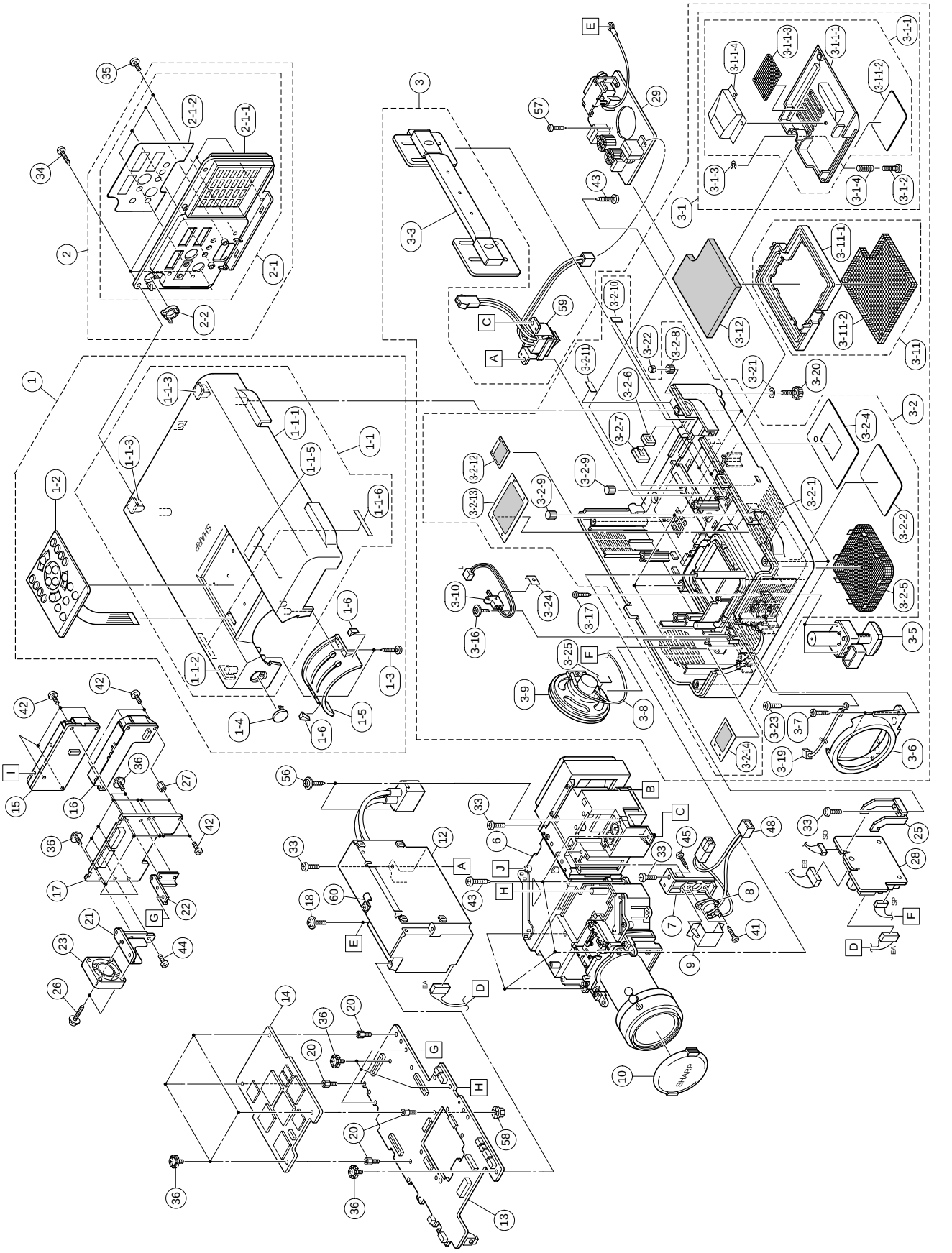
MISCELLANEOUS PARTS

P8404	9DK001-60038	J	Connector, 60-pin	AR
P8405	9DK001-60038	J	Connector, 60-pin	AR
P8502	9DK001-60038	J	Connector, 60-pin	AR
TP8004	9DK001-84014	J	Lug, Test Point	AE
TP8005	9DK001-84014	J	Lug, Test Point	AE
TP8006	9DK001-84014	J	Lug, Test Point	AE
TP8007	9DK001-84014	J	Lug, Test Point	AE
TP8082	9DK001-84014	J	Lug, Test Point	AE
TP8083	9DK001-84014	J	Lug, Test Point	AE

Ref. No.	Part No.	★	Description	Code
1	*Not Available*	–	Top Cabinet Ass'y	—
1-1	DBDYT1187CEK1	J	Top Cabinet Ass'y	BM
1-1-1	*Not Available*	–	Top Cabinet	—
1-1-2	*Not Available*	–	Holder	—
1-1-3	*Not Available*	–	Holder, x2	—
1-1-5	*Not Available*	–	Lens Caution Label	—
1-1-6	*Not Available*	–	Tefron Tape	—
1-2	QSW-Z0526CEZZ	J	Operation Key Unit	BA
1-3	XEBSD30P12000	J	Screw, x2	AA
1-4	GCOVA1771CESA	J	R/C Cover, Front	AE
1-5	GCOVA1776CEKA	J	Lens DEC Cover	AP
1-6	PMLT-0348CEZZ	J	Molt, x2	AE
2	*Not Available*	–	Rear Cabinet Ass'y	—
2-1	DBDYR1094CEK1	J	Rear Cabinet Ass'y	BB
2-1-1	*Not Available*	–	Rear Cabinet	—
2-1-2	*Not Available*	–	Terminal Indication Sheet	—
2-2	GCOVA1779CESA	J	R/C Cover, Rear	AE
3	*Not Available*	–	Bottom Cabinet Ass'y	—
3-1	*Not Available*	–	Lamp Cage Cover Ass'y	—
3-1-1	DDORU1017CEK1	J	Lamp Cage Cover Ass'y	AS
3-1-1-1	*Not Available*	–	Lamp Cage Cover	—
3-1-1-2	*Not Available*	–	Caution Label	—
3-1-1-3	*Not Available*	–	Panching	—
3-1-1-4	*Not Available*	–	Duct	—
3-1-2	LX-BZ1009CEFN	J	Screw	AE
3-1-3	XRESJ30-06000	J	E-Ring	AA
3-1-4	MSPRC0202CEFW	J	Spring	AB
3-2	DBDYU1118CEK1	J	Bottom Cabinet Ass'y	BP
3-2-1	*Not Available*	–	Bottom Cabinet	—
3-2-2	*Not Available*	–	Model Label	—
3-2-4	*Not Available*	–	FCC Index	—
3-2-5	*Not Available*	–	Punching Plate	—
3-2-6	*Not Available*	–	Angle	—
3-2-7	*Not Available*	–	Shielding Holder	—
3-2-8	*Not Available*	–	Nut	—
3-2-9	*Not Available*	–	Nut, x4	—
3-2-10	*Not Available*	–	Handle Spacer, x2	—
3-2-11	*Not Available*	–	Tefron Tape, x3	—
3-2-12	*Not Available*	–	PBS Inhaust Filter	—
3-2-13	*Not Available*	–	Ballast Bottom Filter	—
3-2-14	*Not Available*	–	Lens Bottom Filter	—
3-3	JHNDA1038CESA	J	Handle	AW
3-5	GLEGP9119CEKB	J	Front Adjuster	AU
3-6	GCOVA1836CEKA	J	Front Cover	AK
3-7	XEBSD30P12000	J	Screw, x2	AA
3-8	QCNW-5062CEZZ	J	Speaker Lead Wire	AE
3-9	VSP0080PBL68A	J	Speaker	AN
3-10	QCNW-5761CEZZ	J	Leaf Switch	AG
3-11	DCOVA1775CEK2	J	Intake Cover Ass'y	AQ
3-11-1	*Not Available*	–	Intake Cover	—
3-11-2	*Not Available*	–	Intake Cover Punching	—
3-12	PFiLD0075CEZZ	J	Intake Air Filter	AD
3-16	LX-HZ3066CEFD	J	Screw	AB
3-17	XEBSD26P14000	J	Screw, x2	AA
3-19	RH-HZ0051CEZZ	J	Temp. Sensor	AN
3-20	GLEGP1031CESA	J	Back Adjuster	AG
3-21	PSPAH0648CE00	J	Adjuster Spacer	AB
3-22	LX-NZ3095CEFD	J	M5 Nut	AA
3-23	XEBSD30P10000	J	Screw, x1	AA
3-24	PZETK0072CEKZ	J	Insulator	AB
3-25	PSPAT0013CEZZ	J	Teflon Tape	AC
6	*Refer to Optics Mechanism Parts*			
7	LHLDZ2093CEKZ	J	Bimetal Holder	AK
8	RBiM-0001CEZZ	J	Bimetal	AN
9	PCOVW9007CEKZ	J	Bimetal Cover	AF
10	GCOVH1307CESB	J	Lens Cap	AV
12	*Refer to Power/Ballast Unit Parts*			

CABINET AND MECHANICAL PARTS

CABINET AND MECHANICAL PARTS/
GEHÄUSE UND MECHANISCHE BAUTEILE



Ref. No.	Part No.	★	Description	Code

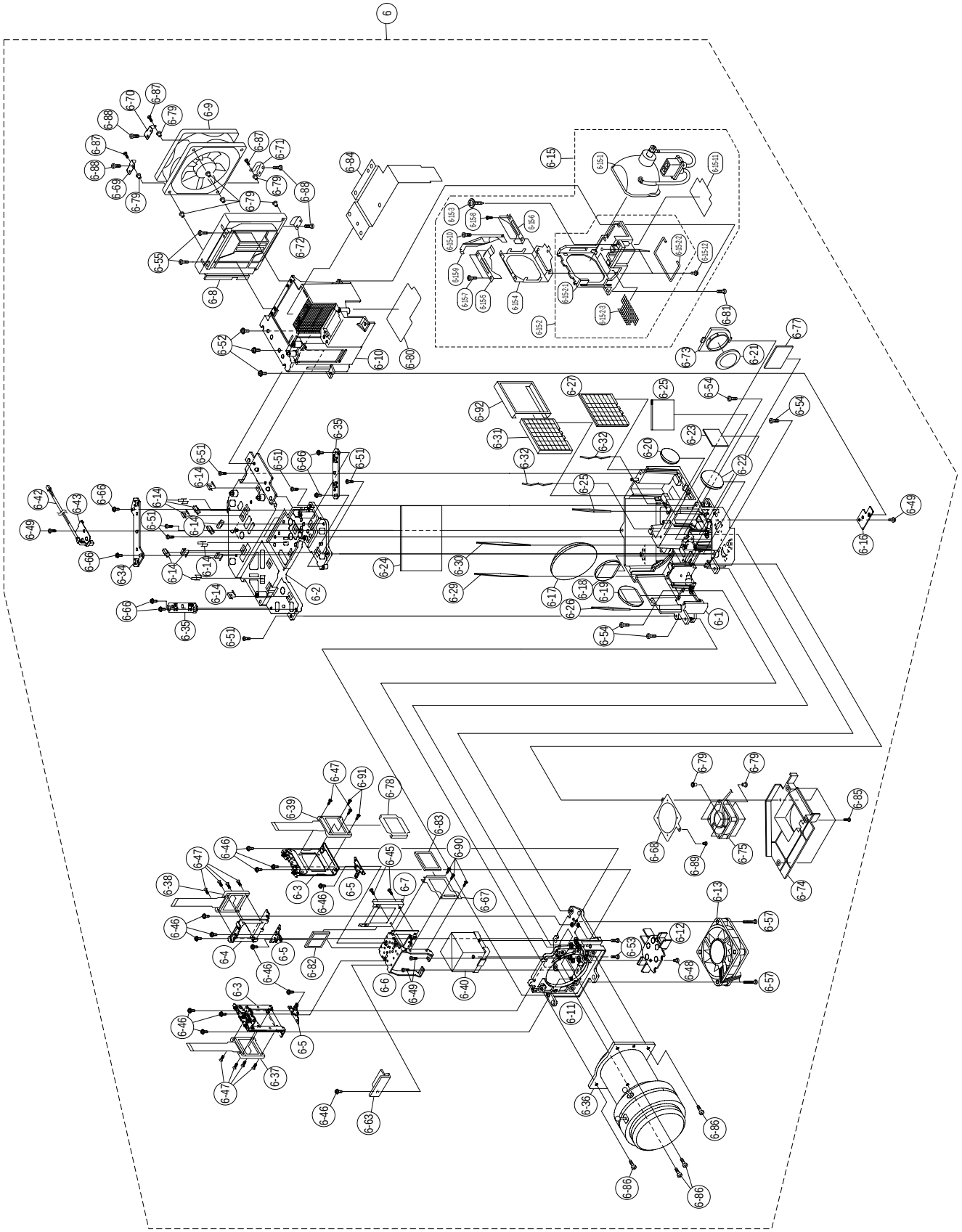
CABINET AND MECHANICAL PARTS (Continued)

13	*Not Available*	–	Output Unit	—
14	*Not Available*	–	PC I/F Unit	—
15	*Not Available*	–	PC Terminal Unit	—
16	*Not Available*	–	Video Unit	—
17	*Not Available*	–	Signal Unit	—
18	XBPSD40P08JS0	J	Screw, x1	AA
20	NSFTZ0144CEFW	J	Spacer, x4	AD
21	LANGT3295CEFW	J	Angle (L)	AK
22	LANGT3265CEFW	J	Angle (R)	AH
23	NFANR0104CE00	J	Fan	AW
25	LANGQ5709CEFW	J	Angle	AE
26	XBSSD26P14000	J	Screw, x2	AA
27	NSFTZ0140CEFW	J	Shaft, x7	AC
28	*Not Available*	–	Sound Out/Regulator Unit	—
29	*Not Available*	–	Inlet Unit	—
33	XEBSD30P10000	J	Screw, x4	AA
34	XTBSF30P12000	J	Screw, x4	AA
35	XBPSF30P10000	J	Screw, x4	AA
36	XBPSD30P06R00	J	Screw, x12	AB
41	XEBSD30P06000	J	Screw, x2	AA
42	XBPSD26P04000	J	Screw, x13	AA
43	XTASD30P16000	J	Screw, x9	AA
44	XBBSF26P05000	J	Screw, x1	AA
45	XEBSF30P08000	J	Screw, x1	AA
48	QCNW-4929CEZZ	J	Bimetal Wire	AG
56	LX-HZ3106CEFD	J	Screw, x2	AB
57	XEBSD30P08000	J	Screw	AA
58	LX-NZ3166CEFD	J	Nut	AA
59	QCNW-5224CEZZ	J	AC Power Switch	AW
60	QEARB0038CEFW	J	Earth Spring	AG

OPTICS MECHANISM PARTS

6	CCHSK0075CE41	J	Optics Mecha. Ass'y	FX
6-1	LCHSK0094CEFW	J	Optics Mecha. Base	BM
6-2	LCHSK0075CEFW	J	Optics Mecha. Cover	BL
6-3	CANGK0675CE01	J	R/B Convergence Unit, x2	AY
6-4	LANGK0747CEFW	J	G Adjusting Plate	AG
6-5	LANGK0677CEFW	J	Slide Plate, x3	AD
6-6	LANGG1192CEFW	J	Guide Plate	AR
6-7	PSLDP3075CEFW	J	Light Shielding Plate (LCD Module Unit, Green)	AH
6-8	PDUC-0121CEKZ	J	Duct ,Side	AR
6-9	NFANR0109CE00	J	Cooling Fan(Exhaust)	BA
6-10	CDUC-0122CE01	J	Duct ,Top	AX
6-11	LHLDZ3067CEFW	J	Holder, for Prism	BC
6-12	PGiDH0031CEKZ	J	Flap	AE
6-13	NFANR0069CE00	J	Cooling Fan(Intake)	AY
6-14	MSPRP1198CEFW	J	Mirror Fitting Spring, x27	AD
⚠ 6-15	BQC-PGC30XE/1	J	Lamp/Cage Module Unit	CQ
⚠ 6-15-1	RLMPF0066CEZZ	J	Lamp/Mirror Ass'y	CL
6-15-2	CCASZ0108CE01	J	Lamp Case Ass'y	AW
6-15-2-1	PCASZ0108CEKZ	J	Lamp Case	AP
6-15-2-2	LHLDZ3058CEFW	J	Handle	AE
6-15-2-3	PCOVZ0103CEFW	J	Lamp Case Punting Ney	AG
6-15-3	LX-HZ3105CEFD	J	Screw	AB
6-15-4	LANGK0750CEFW	J	Lamp Angle	AK
6-15-5	MSPRP0215CEFW	J	Spring (A)	AF
6-15-6	MSPRP0218CEFW	J	Spring (B)	AE
6-15-7	XBSSD30P06000	J	Screw, x2 (A)	AA
6-15-8	XBPSD20P04000	J	Screw, x2 (B)	AA
6-15-9	PSLDP3062CEFW	J	Lamp Shield	AG
6-15-10	XEPSD30P06000	J	Screw	AA
6-15-11	TLABZ0746CEZZ	J	Label	AD
6-15-12	XBPSD30P08JS0	J	Screw, x3	AA
6-16	LANGK0680CEFW	J	Duct Holding Plate	AE
6-17	PLNS-0148CEZZ	J	CL1	BB
6-18	PLNS-0217CEZZ	J	CL3 (for Green)	BG
6-19	PLNS-0216CEZZ	J	CL2 (for Red)	BG
6-20	PLNS-0151CEZZ	J	RL1 (Incoming-Light)	AU
6-21	PLNS-0220CEZZ	J	RL2	AY
6-22	PLNS-0153CEZZ	J	RL3 (Outgoing-Light)	AU
6-23	PFiLW0251CEZZ	J	Polarizer B	BK
6-24	PMiR-0270CEZZ	J	Mirror-M1	BA
6-25	PMiR-0219CEZZ	J	Mirror-M4/M6 ,x2	AS
6-26	PMiR-0220CEZZ	J	Mirror-M5	AL
6-27	PLNS-0219CEZZ	J	Flyeye Lens1	BP
6-29	PMiR-0266CEZZ	J	Mirror-M2	BC
6-30	PMiR-0267CEZZ	J	Mirror-M3	AZ
6-31	PLNS-0221CEZZ	J	Flyeye Lens2, PBS	CA
6-32	MSPRP1205CEFW	J	Flyeye Fitting Spring,x2	AD
6-34	LHLDZ3059CEFW	J	M1 Adjust Lever Ass'y	AK
6-35	LHLDZ3060CEFW	J	M Adjust Lever Ass'y, x2	AH
6-36	CLNS-0172CE01	J	Projection Lens	CG
6-37	RLCDP0105CEZZ	J	LCD Module Unit, Red	CY
6-38	RLCDP0106CEZZ	J	LCD Module Unit, Green	CY
6-39	RLCDP0107CEZZ	J	LCD Module Unit, Blue	CY
6-40	PMiR-0265CEZZ	J	Cross Prism (with Base)	CB
6-42	RH-HZ0048CEZZ	J	Temp. Sensor	AN
6-43	LANGU9029CEFW	J	Angle, for Temp. Sensor	AF
6-45	XAPSF20P05000	J	Screw M2-5, x2	AA
6-46	LX-BZ3402CEZZ	J	Screw 2P-5, x13	AB
6-47	XBSSF26P08000	J	Screw M2.6-8, x6	AA
6-48	XBPSD26P04000	J	Screw M2.6-4	AA
6-49	LX-BZ3370CEFD	J	Screw 2.6P-6, x4	AB
6-51	XBBSD26P08000	J	Screw 2.6P-8, x6	AA
6-52	XBPSD30P08JS0	J	Screw M3-8, x3	AA
6-53	XJPSD30P08000	J	Screw M3-8	AA
6-54	XBBSD30P08000	J	Screw 3P-8, x4	AA
6-55	XEBSD30P10000	J	Screw M3-10, x2	AA
6-57	XEBSD40P20000	J	Screw M4-20, x2	AA
6-63	LANGH0144CEFW	J	Light Shielding Plate	AE
6-66	XBPSD26P06JS0	J	Screw 2.6P-6, x6	AA
6-67	LANGK0755CEFW	J	Angle, for Emergent Pollarizer B	AK
6-68	LANGK0748CEFW	J	Fan Angle for PBS	AF
6-69	LANGK0751CEFW	J	Fan Angle A	AF
6-70	LANGK0752CEFW	J	Fan Angle B	AE
6-71	LANGK0753CEFW	J	Fan Angle C	AF
6-72	LANGK0756CEFW	J	Fan Angle D	AF
6-73	LHLDZ0112CEKZ	J	RL2-Holder	AF
6-74	LHLDZ0113CEKZ	J	Holder for PBS Fan	AL
6-75	NFANR0110CE00	J	Cooling Fan (Intake for PBS)	AX
6-77	PFiLW0254CEZZ	J	UV Filter	BA
6-78	PSLDP0104CEFW	J	Light Shielding Plate (LCD Module Unit, Blue)	AE
6-79	PSPAZ0373CEZZ	J	Fan Bush, x15	AC
6-80	PSLDH3073CEFW	J	Duct shielding plate	AE
6-81	XBBSD30P10000	J	Screw, x2	AA
6-82	PFiLW0252CEZZ	J	Emergent Polarizer G	BL
6-83	PFiLW0253CEZZ	J	Emergent Polarizer B	BL
6-84	QEARP0114CEFW	J	Heat Shielding Plate	AH
6-85	XBBSD26P06000	J	Screw M2.6-6, x3	AA
6-86	XBPSD30P10JS0	J	Screw M3-10, x4	AA
6-87	XBPSD20P04000	J	Screw M2-4, x3	AA
6-88	XEPSD26P08000	J	Screw M2.6-8, x4	AA
6-89	XEPSD30P06000	J	Screw M3-6, x1	AA
6-90	XiPSF20P02000	J	Screw M2-2, x3	AA
6-91	XBPSF26P06000	J	Screw M2.6-6, x6	AA
6-92	PSLDP3078CEFW	J	Flyeye Lens Aperture	AG

OPTICS MECHANISM PARTS/
TEILE FÜR OPTIKMECHANISMUS

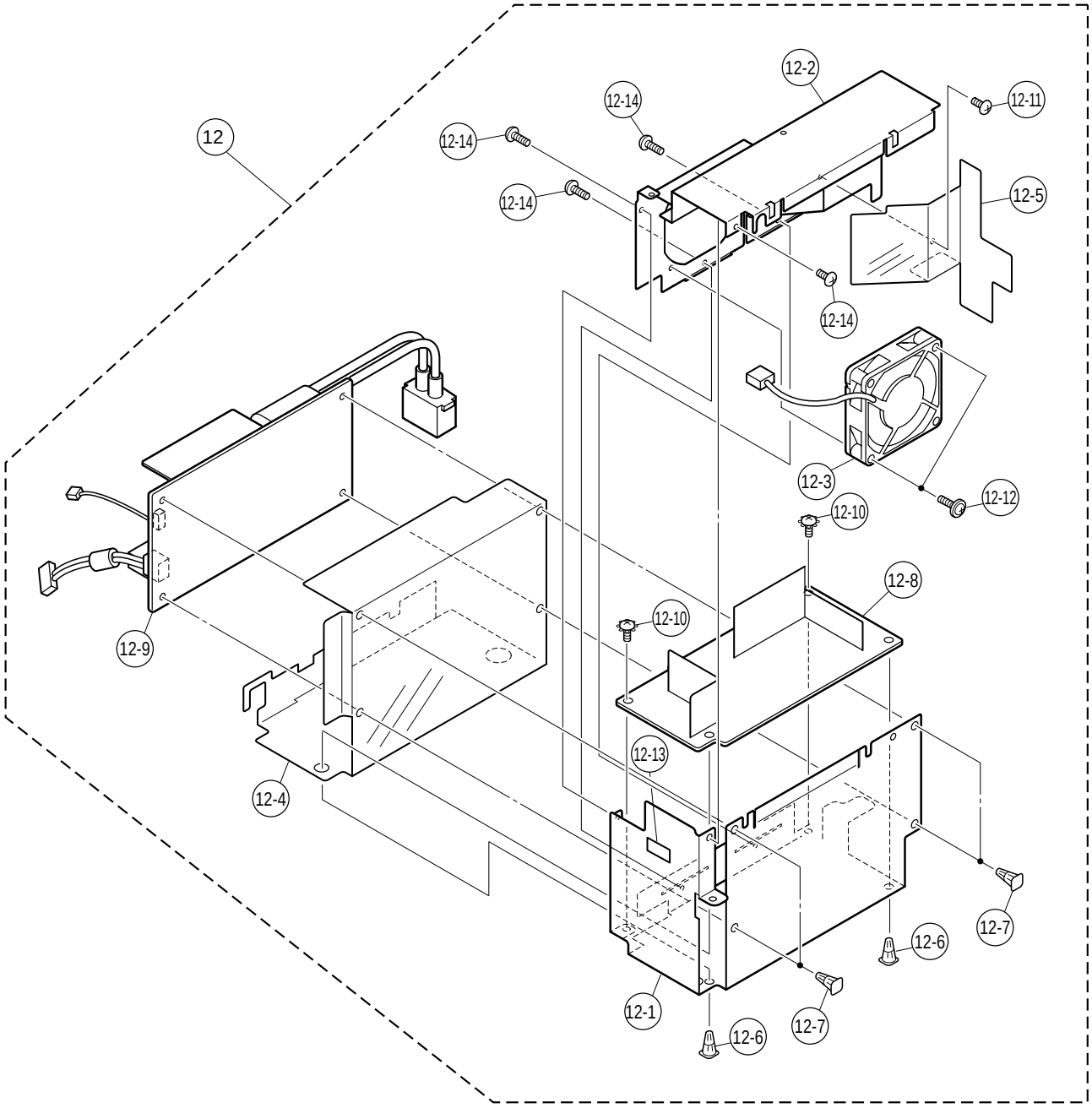


Ref. No.	Part No.	★	Description	Code

POWER/BALLAST UNIT PARTS

12	*Not Available*	–	Power/Ballast Unit Ass'y	—
12-1	9FJ0N00002020	J	Case Base	
12-2	9FJ0N00002030	J	Cover	
12-3	9FJ0M41001170	J	Fan	
12-4	9FJ0A11901620	J	Insulating Sheet	
12-5	9FJ0A11901610	J	Insulating Sheet	
12-6	9FJ0G20002960	J	Spacer	
12-7	9FJ0G20002690	J	Spacer	AD
12-8	RDENC0311CEZZ	–	Power Unit	—
12-9	RDENC0313CEZZ	J	Ballast Unit (The ballast unit is supplied only as an assembly.)	CC
12-10	9FJ0S89000080	J	Screw	
12-11	9FJ0S89000020	J	Screw	AB
12-12	9FJ0S08004200	J	Screw	
12-13	9FJ0K00001220	J	Serial Number Label	AU
12-14	XBPSD30P04000	J	Screw	AA

POWER/BALLAST UNIT PARTS/
TEILE FÜR NETZ-/BALLASTEINHEIT



Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

	PFiLD0076CEZZ	J	Extra Air Filter	AE
⚠	QACCV4002CEZZ	J	AC Cord (For Europe)	AZ
⚠	QACCB5024CEZZ	J	AC Cord (For U.K. and Hong Kong)	BA
⚠	QACCL3022CEZZ	J	AC Cord (For Australia and New Zealand)	AZ
	QCNW-4870CEZZ	J	Computer Audio Cable	AQ
	QCNW-5113CEZZ	J	PS/2 Mouse Control Cable	AN
	QCNW-5288CEZZ	J	DIN D-Sub RS-232C Cable	AM
	QCNW-5680CEZZ	J	USB Mouse Control Cable	AP
	QCNW-5304CEZZ	J	Computer RGB Cable	AV
	RRMCG1584CESA	J	Wireless R/C Unit	BR
	RUNTK0673CEZZ	J	Remote Mouse Receiver	BM
	UDSKA0021CEN1	J	CD-ROM	AQ
	TiNS-7046CEZZ	J	Operation Manual	AY
	TiNS-7048CEZZ	J	Quick Reference	AH
	TiNS-7069CEZZ	J	SAPS Operation Manual	AU
	GCOVH1307CESB	J	Lens Cap	AV

ACCESSORIES (NOT REPLACEMENT ITEM)

	TCAUZ3036CEZZ	–	Software Caution	—
	–	–	Two AA Size Batteries	—

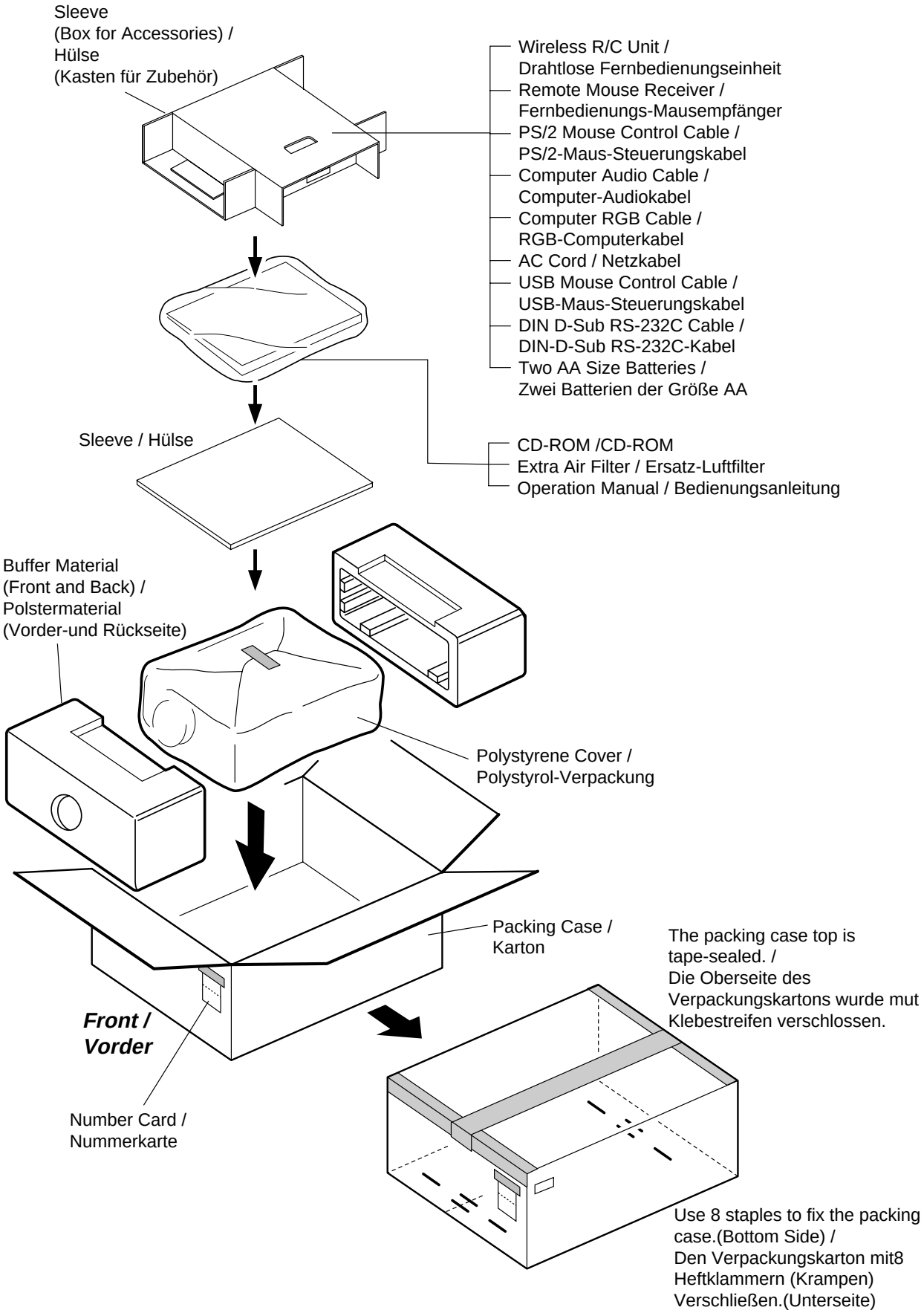
PACKING PARTS
(NOT REPLACEMENT ITEM)

	SPAKC5444CEZZ	–	Packing Case	—
	SPAKP0805CEZZ	–	Polystyrene Cover	—
	SPAKX2918CEZZ	–	Buffer Material	—
	SPAKF0467CEZZ	–	Sleeve(Box for Accessories)	—
	TLABK0001TAZZ	–	Number Card	—

SERVICE JIGS
(Use for servicing)

	9DASPN-XGNV1U	J	Spanna, 3mm (Off-set Cam Adjustment)	BG
	9DADRiVER-NV4U	J	Off-set Driver (Focus Adjustment)	CA
	9EQDRiVER-NV1B	J	Screwdriver, (–) (Focus Adjustment)	BL
	9EQLNC-XGNV1U or 9EQLNC-XGNV4U	J	Hexagon Wrench, 2mm (Convergence Adjustment)	BA
	QCNW-5058CEZZ	J	Extension Cable 28-pin Signal(P1501)-Output(SC1501) Signal(P1502)-Output(SC1502)	CB
	QCNW-4767CEZZ	J	Extension Cable 30-pin Signal (VS)-Video (VS) Signal (TN)-PC Terminal (TN)	BT
	QCNW-5057CEZZ	J	Extension Cable 60-pin Output (TC1)-PC I/F (TC1) Output (TC2)-PC I/F (TC2) Output (TC3)-PC I/F (TC3)	CD
	QCNW-5688CEZZ	J	Extension Cable 30-pin LCD Panel-Output	BK

PACKING OF THE SET / VERPACKEN DES GERÄTS



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